FCC Radio Test Report

FCC ID: KA2WR118A1

This report concerns (check one): ☒Original Grant ☐Class II Change

Project No.	:	1411C008A
Equipment	:	Dual Band Wi-Fi AC Multi-WAN Router
Model Name	:	DWR-118
Applicant	:	D-Link Corporation
Address	:	No.289,Xinhu 3Rd.,Neihu District, Taipei City 11494, Taiwan, ROC

Date of Receipt	:	Sep. 02, 2015
Date of Test	:	Sep. 02, 2015~ Oct. 28, 2015
Issued Date	:	Oct. 29, 2015
Tested by	:	BTL Inc.

Testing Engineer : Niklaus Lai
(Niklaus Lai)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1411C008A	Original Issue.	Oct. 29, 2015

1. CERTIFICATION

Equipment	:	Dual Band Wi-Fi AC Multi-WAN Router
Brand Name	:	D-LINK
Model Name	:	DWR-118
Applicant	:	D-Link Corporation
Manufacturer	:	D-Link Corporation
Address	:	No.289,Xinhu 3Rd.,Neihu District, Taipei City 11494, Taiwan, ROC
Factory	:	SHENZHEN ZOWEE TECHNOLOGY CO.,LTD. BAOAN SUBSIDIARY CO.
Address	:	ZOWEE Factory ,Tongfuyu Industrial Zone, Songgang, Baoan District, Shenzhen 518105 P.R.China
Date of Test	:	Sep. 02, 2015~ Oct. 28, 2015
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1411C008A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E			
Standard(s) Section	Test Item	Judgment	Remark
FCC			
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirements	PASS	

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **U**, where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95**% ◦

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz ~ 30MHz	2.32

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9KHz~30MHz	V	3.79
		9KHz~30MHz	H	3.57
		30MHz ~ 200MHz	V	3.82
		30MHz ~ 200MHz	H	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	H	4.06
		1GHz~18GHz	V	3.12
		1GHz~18GHz	H	3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	H	4.14

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Dual Band Wi-Fi AC Multi-WAN Router	
Brand Name	D-LINK	
Model Name	DWR-118	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	1300 Mbps
	Output Power (Max.)for UNII-1	802.11a: 14.26dBm 802.11n (20M): 14.40dBm 802.11n (40M): 17.67dBm 802.11ac (20M): 14.28dBm 802.11ac (40M): 14.80dBm 802.11ac (80M): 9.12dBm
	Output Power (Max.)for UNII-3	802.11a: 14.15dBm 802.11n (20M): 14.27dBm 802.11n (40M): 17.71dBm 802.11ac (20M): 14.71dBm 802.11ac (40M): 13.61dBm 802.11ac (80M): 8.92dBm
Power Source	DC voltage supplied from AC/DC adapter. Brand/Model: D-Link/AMS115-1201500FU	
Power Rating	I/P: 100-240V~50/60Hz 0.8A Max O/P: 12V⎓1.5A	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. Channel List:

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	Dipole	N/A	5.00	5G

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)
Mode 13	Normal Link

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 13	Normal Link

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)

Note:
(1) For radiated below 1GHz test, the 802.11a mode is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product

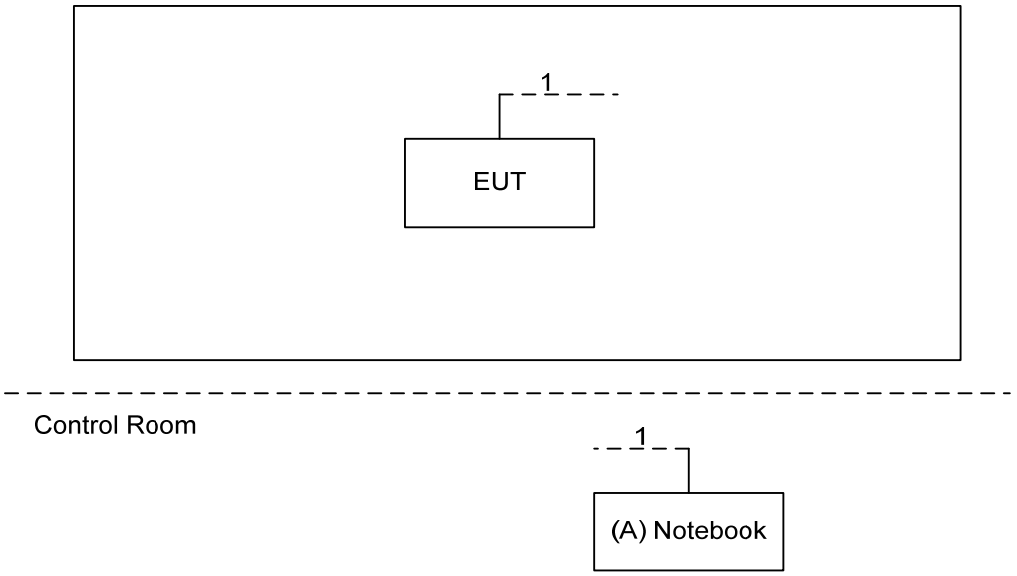
UNII-1			
Test Software Version	MT76xxE_AP		
Frequency (MHz)	5180	5200	5240
A Mode	0A	0C	0D
Frequency (MHz)	5180	5200	5240
N20 Mode	0A	0C	0D
Frequency (MHz)	5190	5230	
N40 Mode	4	0C	

UNII-3			
Test Software Version	MT76xxE_AP		
Frequency (MHz)	5745	5785	5825
A Mode	16	1C	1A
Frequency (MHz)	5745	5785	5825
N20 Mode	13	1C	1A
Frequency (MHz)	5755	5795	
N40 Mode	14	1D	

UNII-1			
Test Software Version	MT76xxE_AP		
Frequency (MHz)	5180	5200	5240
AC20 Mode	0A	0C	0D
Frequency (MHz)	5190	5230	
AC40 Mode	7	0E	
Frequency (MHz)	5210		
AC80 Mode	1		

UNII-3			
Test Software Version	MT76xxE_AP		
Frequency (MHz)	5745	5785	5825
AC20 Mode	1B	1D	21
Frequency (MHz)	5755	5795	
AC40 Mode	11	1B	
Frequency (MHz)	5775		
AC80 Mode	15		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
A	Notebook	Lenovo	H2510	DOC	SS07999198	

Item	Shielded Type	Ferrite Core	Length	Note
1	NA	NA	10M	RJ-45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150kHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value - Limit Value

4.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

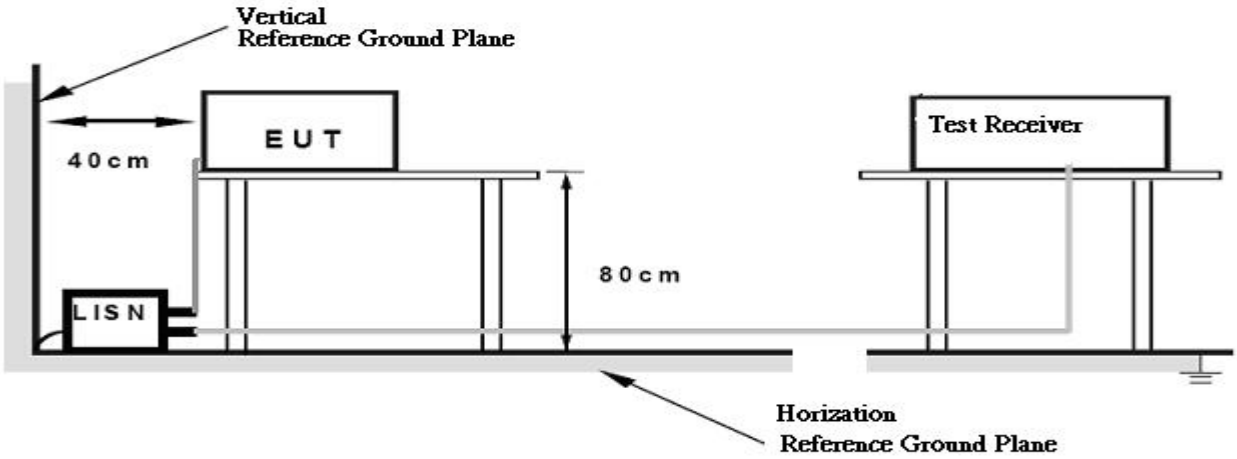
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX Mode mode.

4.1.6 EUT TEST CONDITIONS

Temperature: 27°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured。

(2) Measuring frequency range from 150kHz to 30MHz。

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 (beyond 10MHz of the band edge)	68.3
	-17 (within 10 MHz of band edge)	78.3

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

4.2.2 TEST PROCEDURE

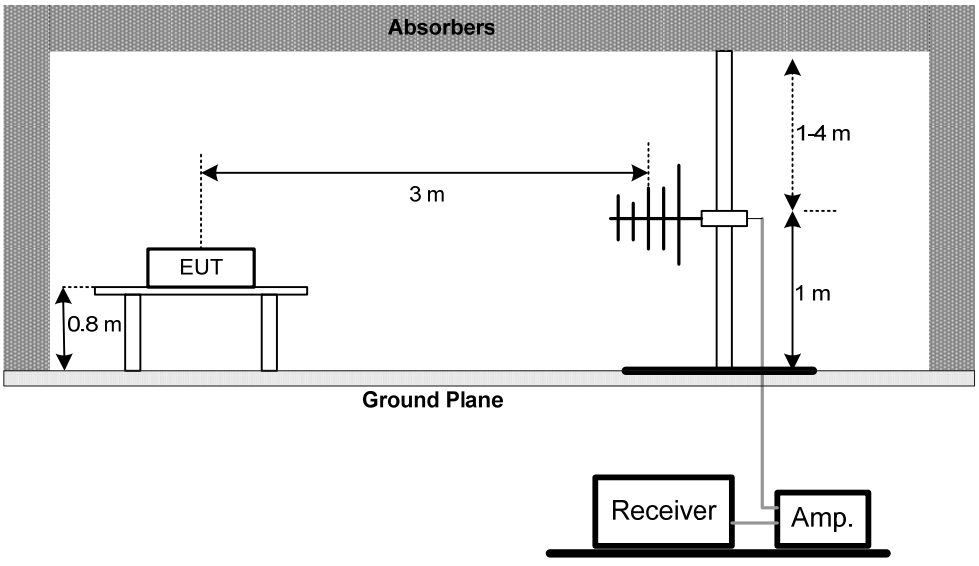
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
f. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
g. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

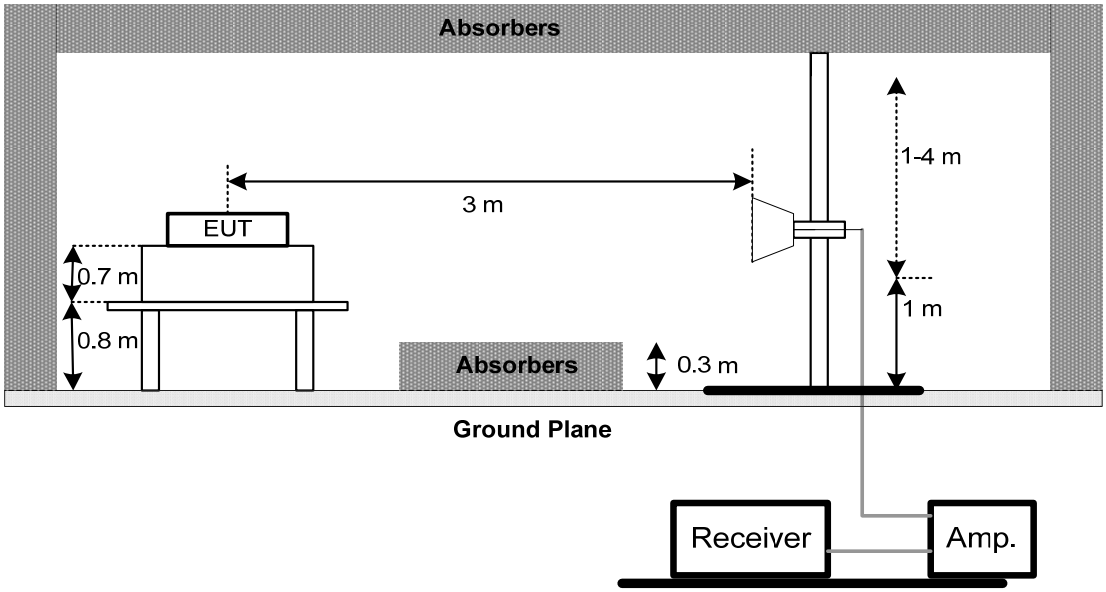
No deviation

4.2.4 TEST SETUP

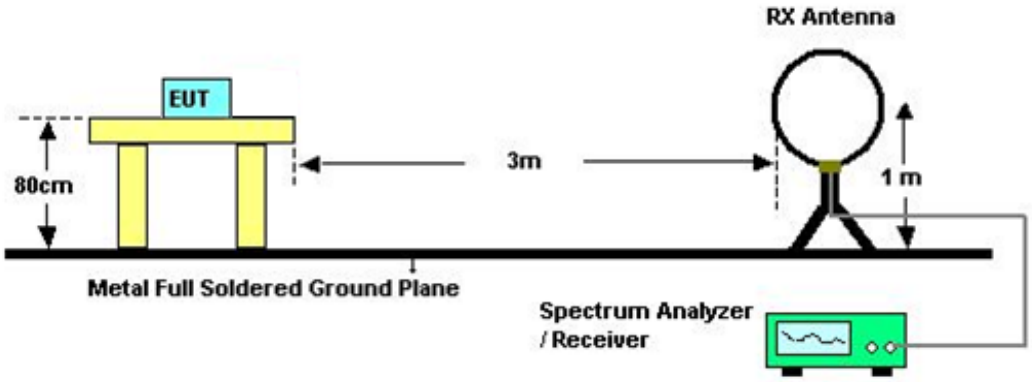
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

Temperature: 27°C Relative Humidity: 58% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

(1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
(2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
(3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

(1) Measuring frequency range from 30MHz to 1000MHz ◦
(2) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ◦

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

(1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
(2) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
(3) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
(4) EUT Orthogonal Axes:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand
(5) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.
(6) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5150-5250	PASS
	Minimum 500kHz 6dB Bandwidth	5725-5850	PASS

5.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

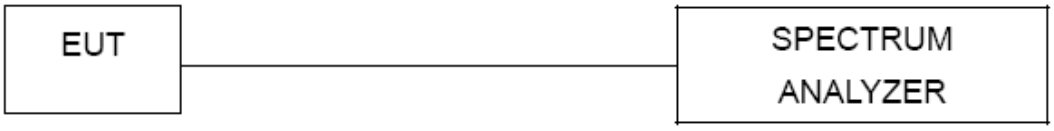
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26dB below carrier

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 EUT TEST CONDITIONS

Temperature: 27°C Relative Humidity: 52% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	1 Watt (30dBm)	5725-5850	PASS
Note: The maximum e.i.r.p at anyelevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)			

6.1.1 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,

b.

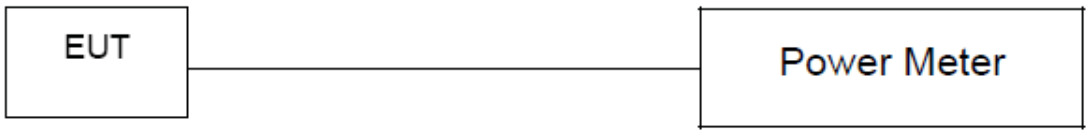
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

c. Test was performed in accordance with method of KDB 789033 D02.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 EUT TEST CONDITIONS

Temperature: 27°C Relative Humidity: 52% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27dBm/MHz	5150-5250	PASS
	Below -17dBm/MHz within 10MHz of band edge, below -27dBm/MHz beyond 10MHz of the band edge	5725-5850	PASS

7.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

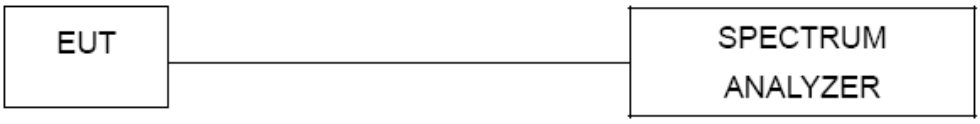
b.

Spectrum Parameter	Setting
Attenuation	Auto
RBW	1000kHz
VBW	1000kHz
Trace	Max Hold
Sweep Time	Auto

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

7.1.5 EUT TEST CONDITIONS

Temperature: 27°C Relative Humidity: 52% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	30dBm/500kHz	5725-5850	PASS

8.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

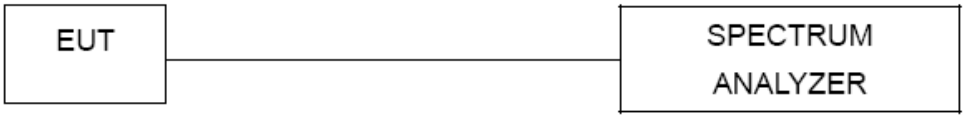
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
2. The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

8.1.4 EUT TEST CONDITIONS

Temperature: 27°C Relative Humidity: 52% Test Voltage: AC 120V/60Hz

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	Specified in the user's manual	5150-5250	PASS
		5725-5850	PASS

9.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

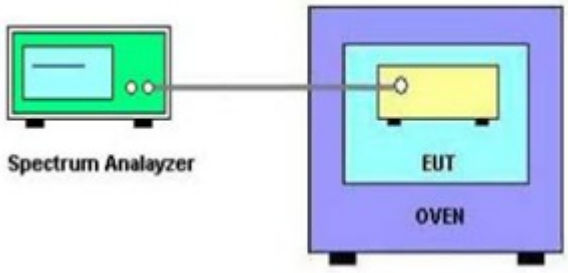
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~40°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

9.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

9.1.6 TEST RESULTS

Please refer to the Attachment I.

9.1.7. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	Mar. 13, 2016
4	EMI Test Receiver	R&S	ESCS30	826547/022	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 17, 2015
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Measurement Software	Farad	EZ-EMCVer.NB-03A1-01	N/A	N/A
7	Antenna	ETS	3115	00075789	Mar. 28, 2016
8	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
9	Test Cable	emci	EMC104-SM-SM-10000(1GHz－26.5GHz)	C-68	Jun. 28, 2016
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
11	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
12	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	power Meter	ANRITSU	ML2495A	1128009	Mar. 28, 2016
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 28, 2016

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Const Temp. & Humidity Chamber	GIANT FORCE	ITH-225-20-S	IAB0309-001	Dec.05, 2015

Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

10. EUT TEST PHOTOS

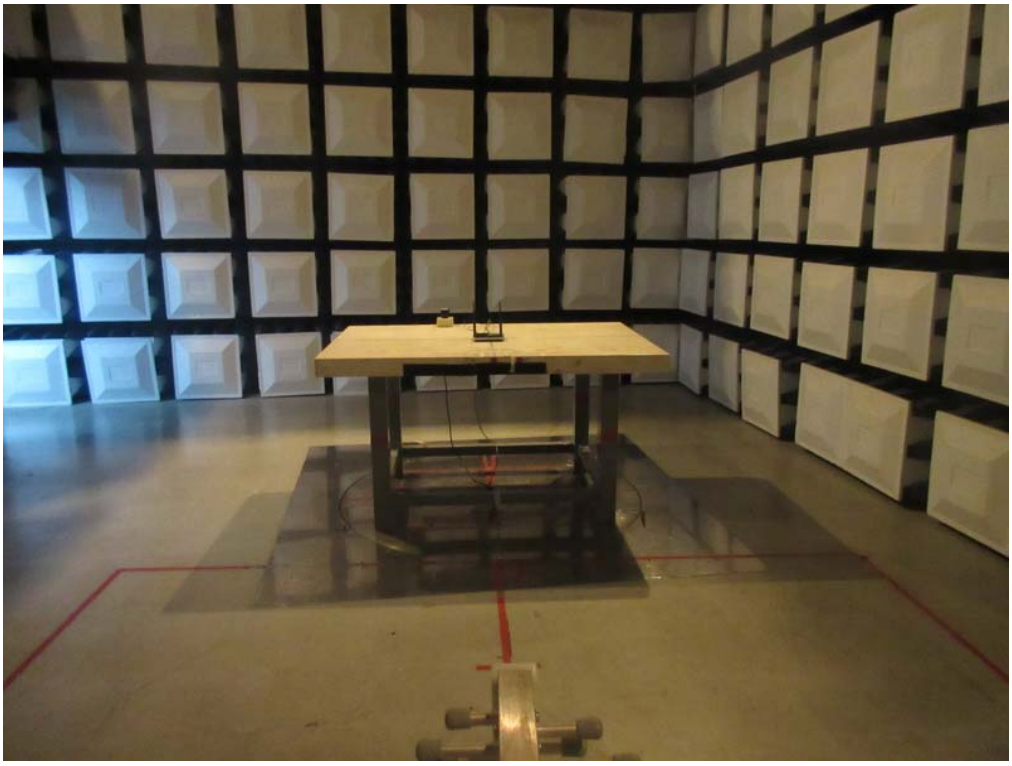
Conducted Measurement Photos

Radiated Measurement Photos

9KHz to 30MHz

Radiated Measurement Photos

30MHz to 1000MHz



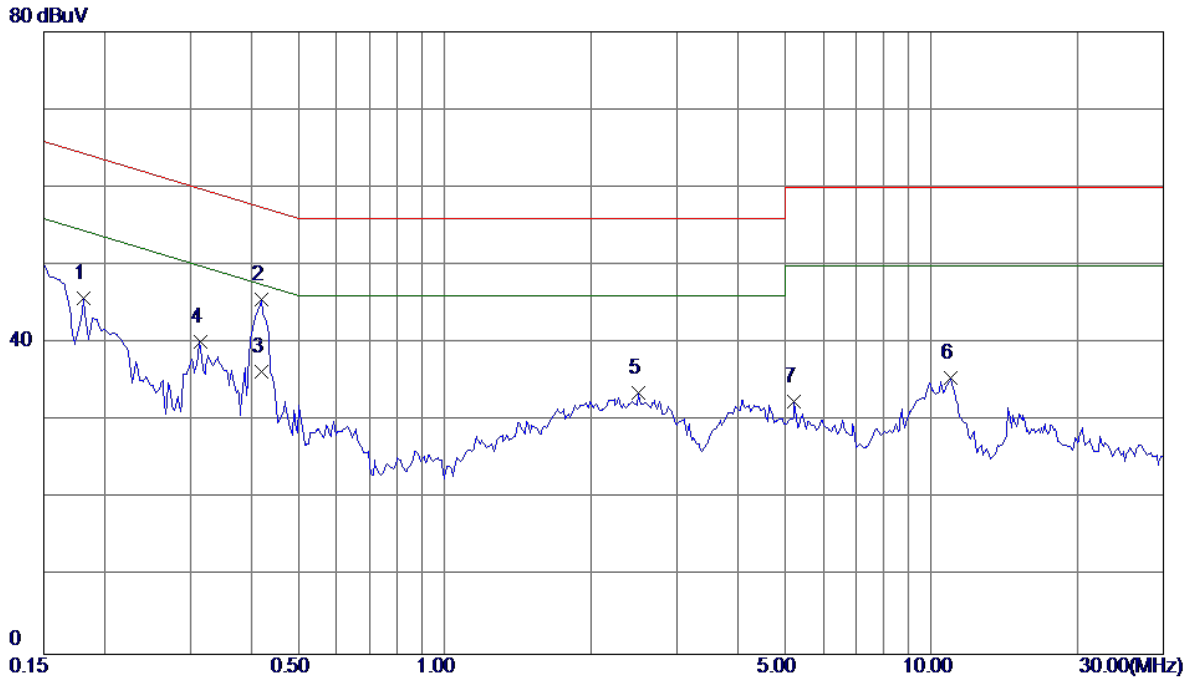
Radiated Measurement Photos

Above 1000MHz

ATTACHMENT A - CONDUCTED EMISSION

Test Mode :	Normal Link

Line

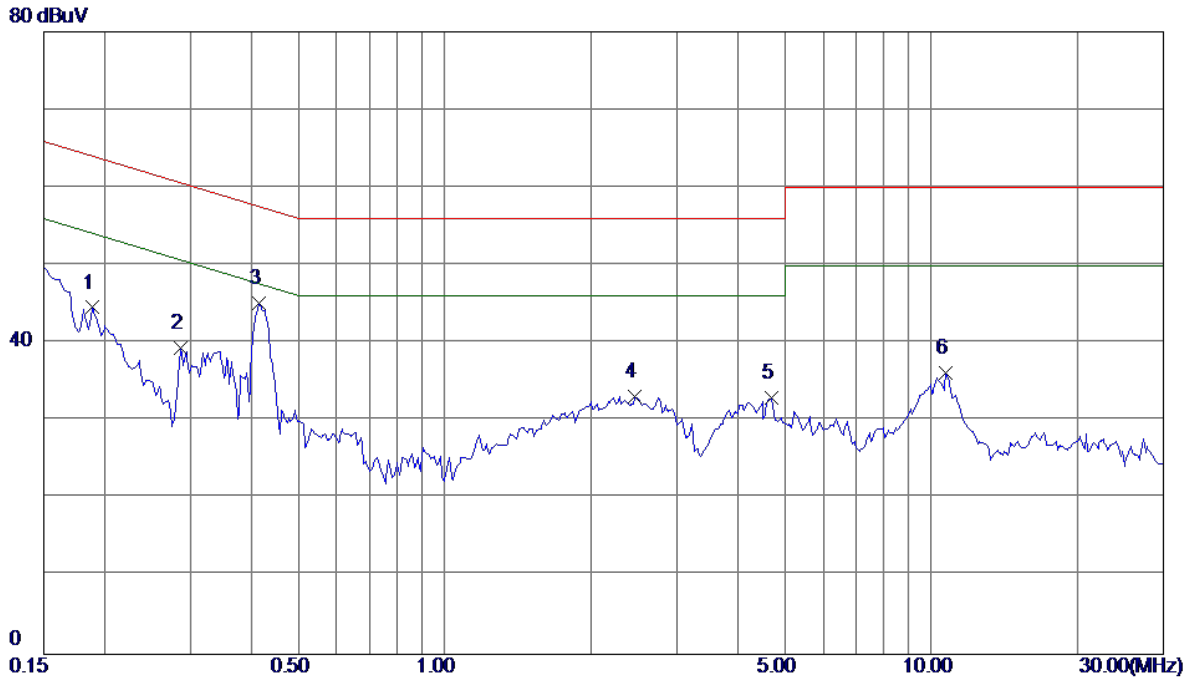


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.1812	36.19	9.56	45.75	64.43	-18.68	Peak	
2	0.4195	35.87	9.68	45.55	57.46	-11.91	Peak	
3	0.4195	26.60	9.68	36.28	47.46	-11.18	AVG	
4	0.3141	30.54	9.64	40.18	59.86	-19.68	Peak	
5	2.4977	23.53	10.00	33.53	56.00	-22.47	Peak	
6	10.9647	25.65	9.87	35.52	60.00	-24.48	Peak	
7	5.2266	22.46	9.98	32.44	60.00	-27.56	Peak	

Note：The test result has included the cable loss.

Test Mode :	Normal Link

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.1891	35.07	9.49	44.56	64.08	-19.52	Peak	
2	0.2867	29.82	9.52	39.34	60.62	-21.28	Peak	
3	0.4156	35.57	9.53	45.10	57.54	-12.44	Peak	
4	2.4547	23.41	9.76	33.17	56.00	-22.83	Peak	
5	4.6953	23.10	9.91	33.01	56.00	-22.99	Peak	
6	10.7344	26.37	9.86	36.23	60.00	-23.77	Peak	

Note：The test result has included the cable loss.

ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode:	TX MODE

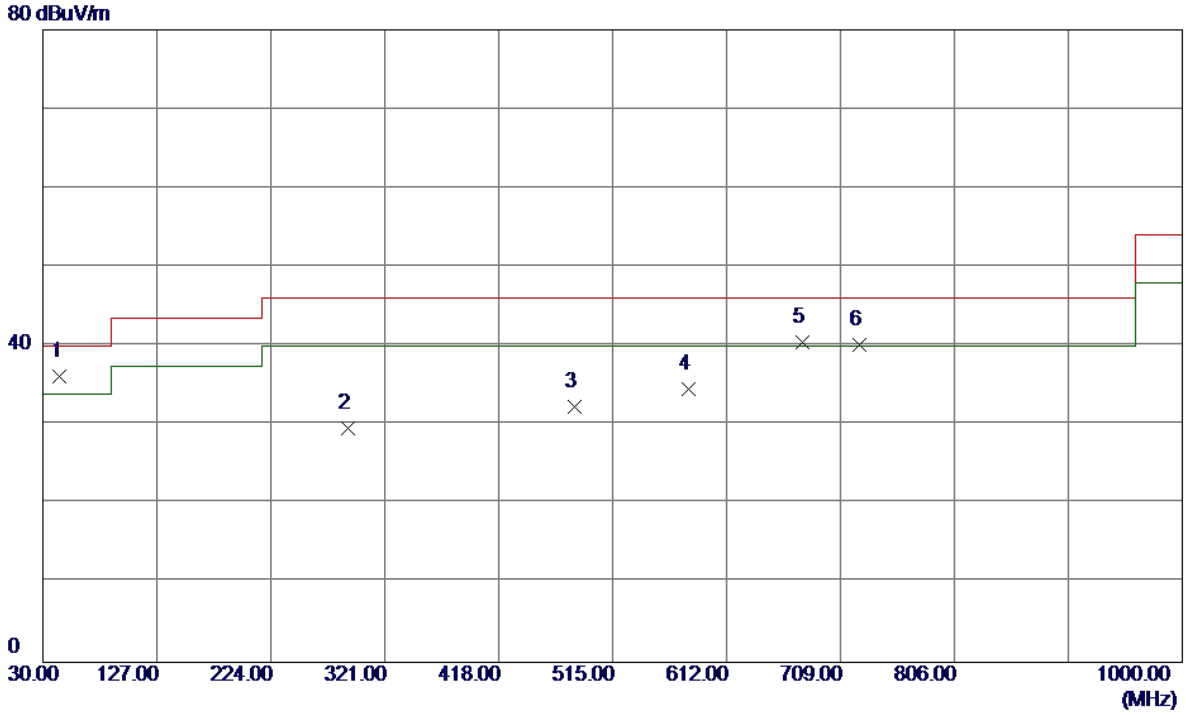
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.00963	0°	13.42	24.9568	38.3768	127.9317	-89.5549	AVG
0.00963	0°	14.56	24.9568	39.5168	147.9317	-108.4149	PEAK
0.0239	0°	6.37	24.0530	30.4230	120.0363	-89.6133	AVG
0.0239	0°	8.24	24.0530	32.2930	140.0363	-107.7433	PEAK
0.0375	0°	3.82	23.1917	27.0117	116.1236	-89.1119	AVG
0.0375	0°	5.45	23.1917	28.6417	136.1236	-107.4819	PEAK
0.0483	0°	1.53	22.5077	24.0377	113.9253	-89.8876	AVG
0.0483	0°	2.98	22.5077	25.4877	133.9253	-108.4376	PEAK
0.5772	0°	19.81	20.0470	39.8570	72.3777	-32.5207	QP
1.8669	0°	24.09	19.5133	43.6033	69.5400	-25.9367	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.00943	90°	13.07	24.3000	37.3700	128.1140	-90.7440	AVG
0.00943	90°	14.86	24.3000	39.1600	148.1140	-108.9540	PEAK
0.0289	90°	7.46	23.7363	31.1963	118.3863	-87.1899	AVG
0.0289	90°	9.33	23.7363	33.0663	138.3863	-105.3199	PEAK
0.0373	90°	5.62	23.2043	28.8243	116.1700	-87.3457	AVG
0.0373	90°	6.74	23.2043	29.9443	136.1700	-106.2257	PEAK
0.0495	90°	1.92	22.4317	24.3517	113.7121	-89.3605	AVG
0.0495	90°	3.18	22.4317	25.6117	133.7121	-108.1005	PEAK
0.6307	90°	23.51	20.2182	43.7282	71.6078	-27.8795	QP
1.8932	90°	25.37	19.5107	44.8807	69.5400	-24.6593	QP

ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Mode:	UNII-1/TX A Mode 5180MHz

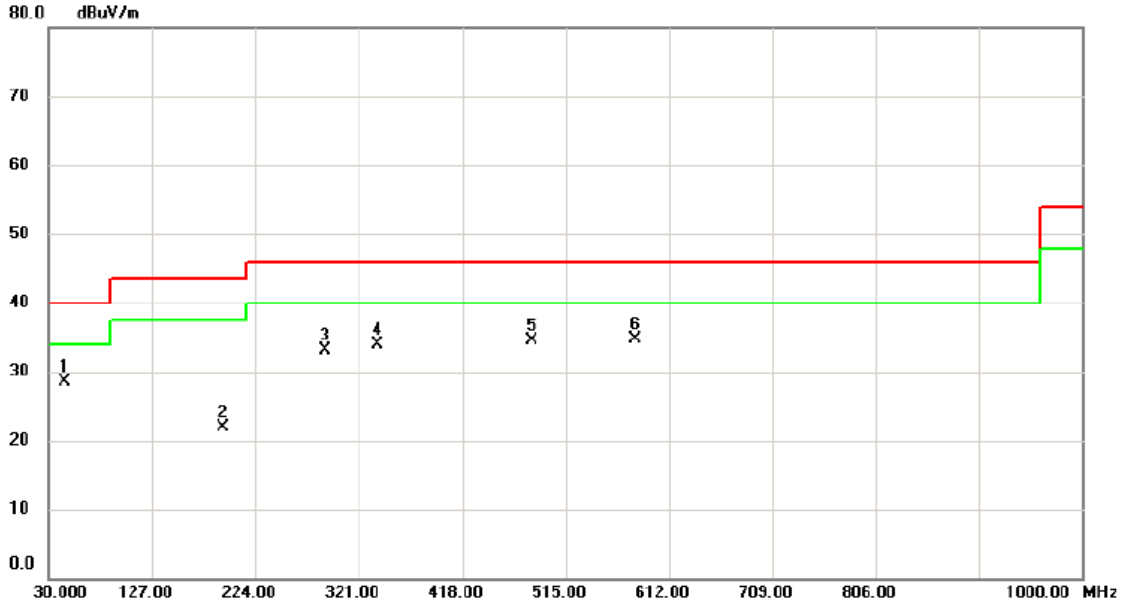
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	44.5500	48.17	-11.94	36.23	40.00	-3.77	Peak	
2	289.9600	39.38	-9.83	29.55	46.00	-16.45	Peak	
3	482.9900	39.18	-6.88	32.30	46.00	-13.70	Peak	
4	579.9900	39.24	-4.63	34.61	46.00	-11.39	Peak	
5	676.9900	41.97	-1.55	40.42	46.00	-5.58	Peak	
6	725.4900	41.67	-1.44	40.23	46.00	-5.77	Peak	

Test Mode:	UNII-1/TX A Mode 5180MHz

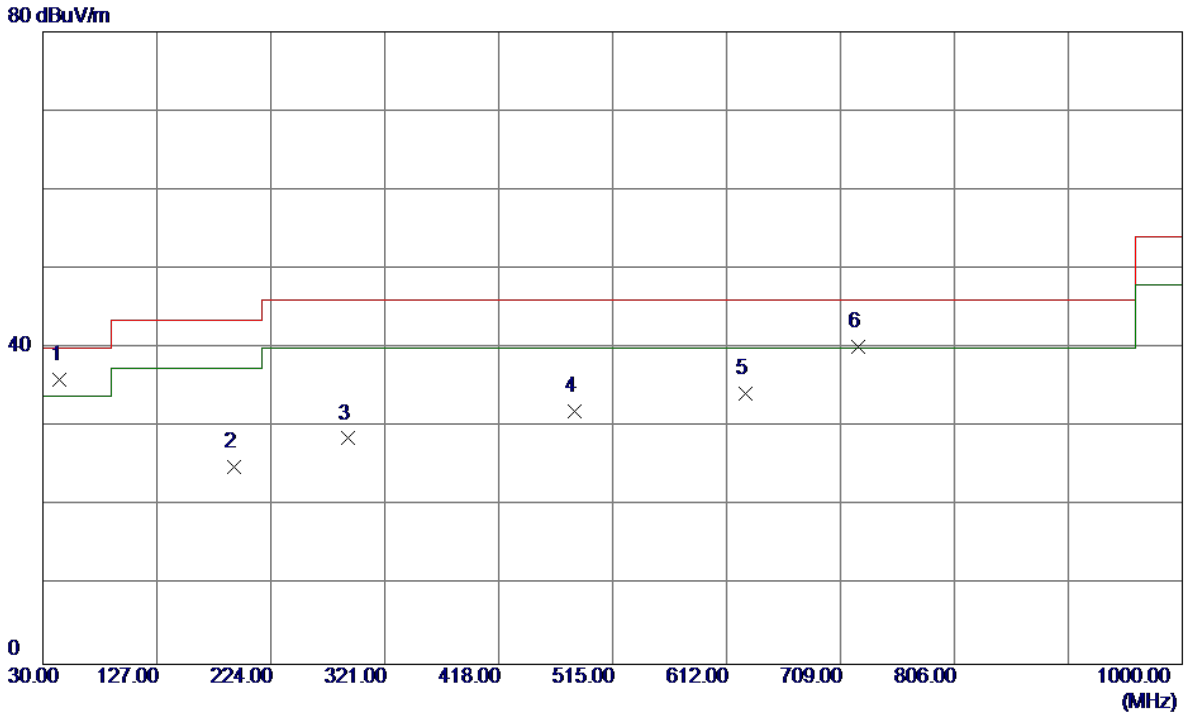
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		44.5500	40.45	-11.94	28.51	40.00	-11.49	peak	
2		192.9600	35.07	-13.16	21.91	43.50	-21.59	peak	
3		289.9600	42.96	-9.82	33.14	46.00	-12.86	peak	
4		338.4600	43.69	-9.84	33.85	46.00	-12.15	peak	
5		482.9900	41.33	-6.88	34.45	46.00	-11.55	peak	
6	*	579.9900	39.28	-4.64	34.64	46.00	-11.36	peak	

Test Mode:	UNII-1/TX A Mode 5200MHz

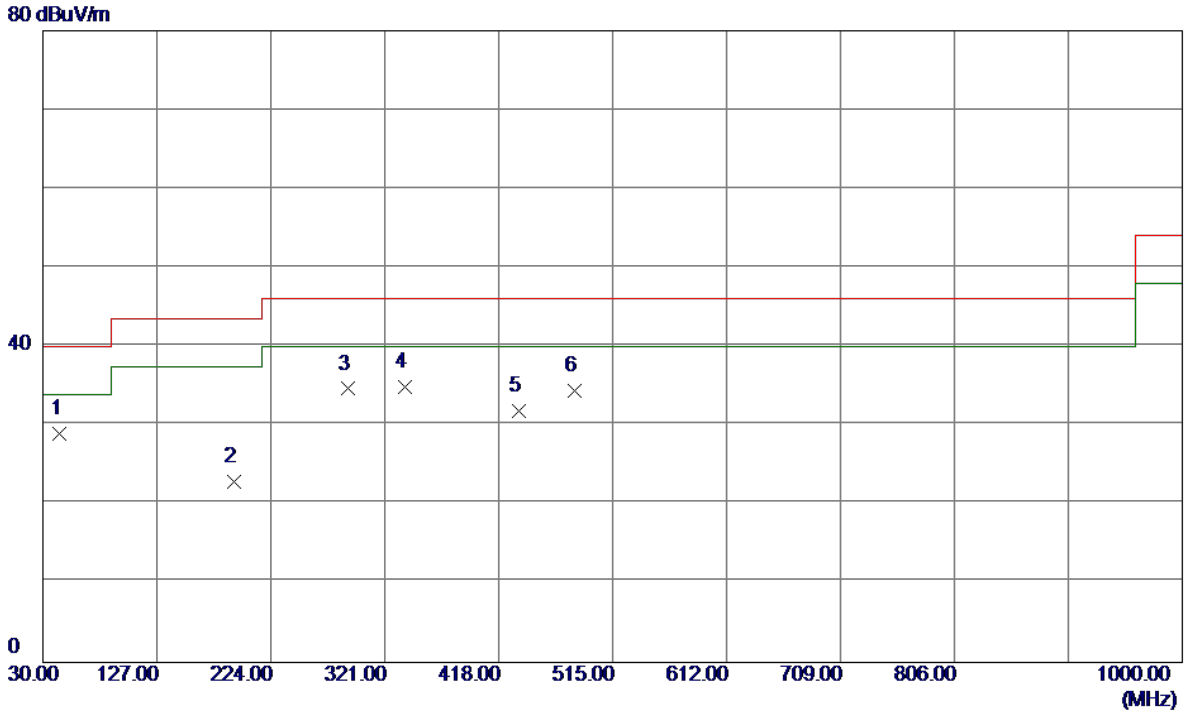
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	44.5500	47.92	-11.94	35.98	40.00	-4.02	Peak	
2	192.9600	38.11	-13.16	24.95	43.50	-18.55	Peak	
3	289.9600	38.39	-9.83	28.56	46.00	-17.44	Peak	
4	482.9900	38.82	-6.88	31.94	46.00	-14.06	Peak	
5	628.4900	37.16	-2.93	34.23	46.00	-11.77	Peak	
6	724.5200	41.57	-1.45	40.12	46.00	-5.88	Peak	

Test Mode:	UNII-1/TX A Mode 5200MHz

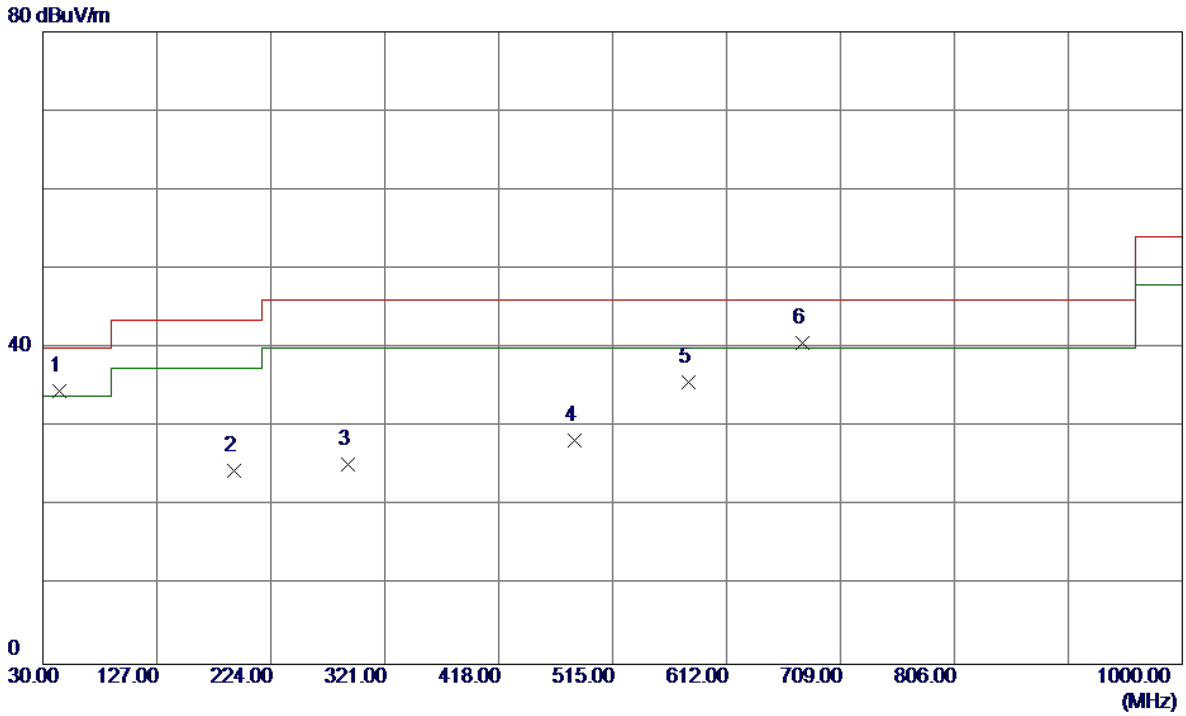
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	44.5500	40.95	-11.94	29.01	40.00	-10.99	Peak	
2	192.9600	36.07	-13.16	22.91	43.50	-20.59	Peak	
3	289.9600	44.47	-9.83	34.64	46.00	-11.36	Peak	
4	338.4600	44.69	-9.84	34.85	46.00	-11.15	Peak	
5	435.4600	38.20	-6.29	31.91	46.00	-14.09	Peak	
6	482.9900	41.33	-6.88	34.45	46.00	-11.55	Peak	

Test Mode:	UNII-1/TX A Mode 5240MHz

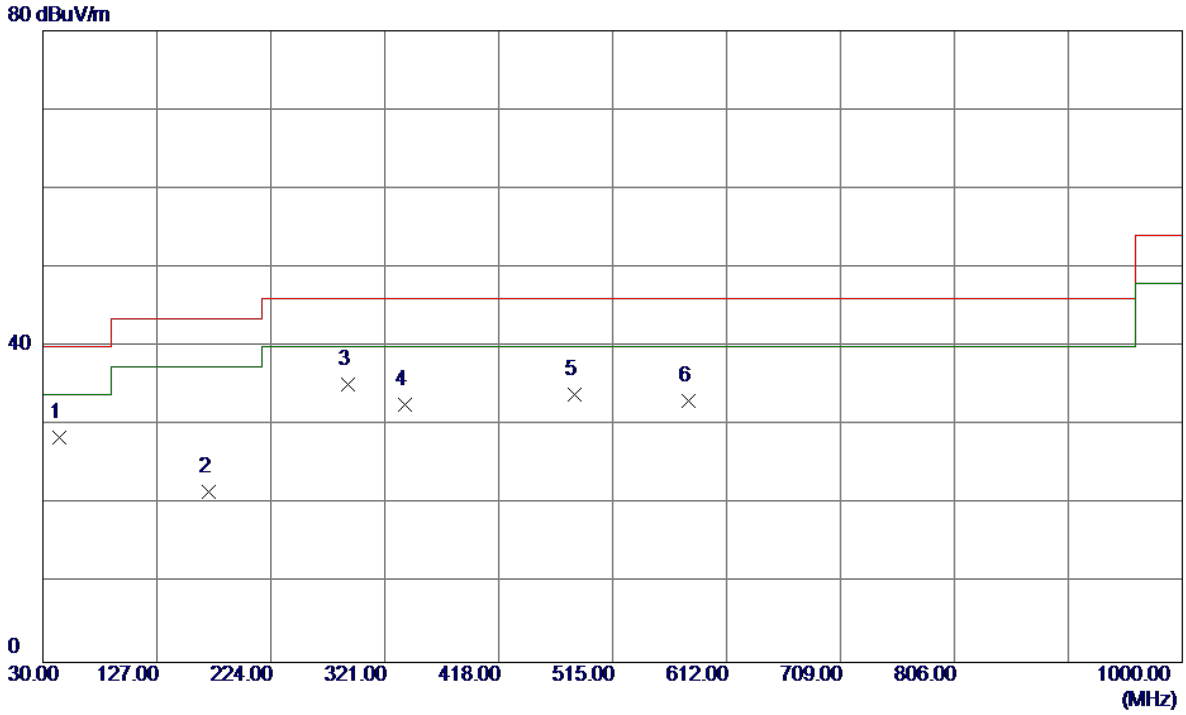
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	43.5800	46.62	-12.04	34.58	40.00	-5.42	Peak	
2	192.9600	37.69	-13.16	24.53	43.50	-18.97	Peak	
3	289.9600	35.14	-9.83	25.31	46.00	-20.69	Peak	
4	482.9900	35.19	-6.88	28.31	46.00	-17.69	Peak	
5	579.9900	40.29	-4.63	35.66	46.00	-10.34	Peak	
6	676.9900	42.18	-1.55	40.63	46.00	-5.37	Peak	

Test Mode:	UNII-1/TX A Mode 5240MHz

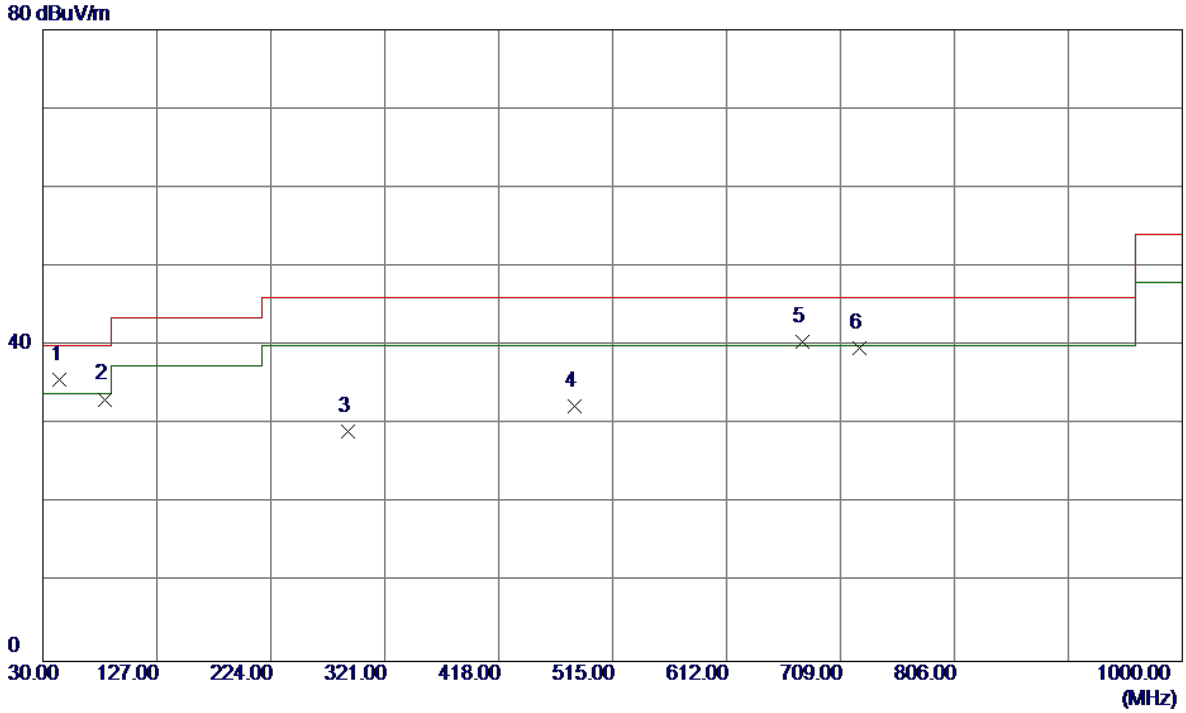
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	43.5800	40.57	-12.04	28.53	40.00	-11.47	Peak	
2	171.6200	32.82	-11.18	21.64	43.50	-21.86	Peak	
3	289.9600	44.99	-9.83	35.16	46.00	-10.84	Peak	
4	338.4600	42.51	-9.84	32.67	46.00	-13.33	Peak	
5	482.9900	40.80	-6.88	33.92	46.00	-12.08	Peak	
6	579.9900	37.79	-4.63	33.16	46.00	-12.84	Peak	

Test Mode:	UNII-3/TX A Mode 5745MHz

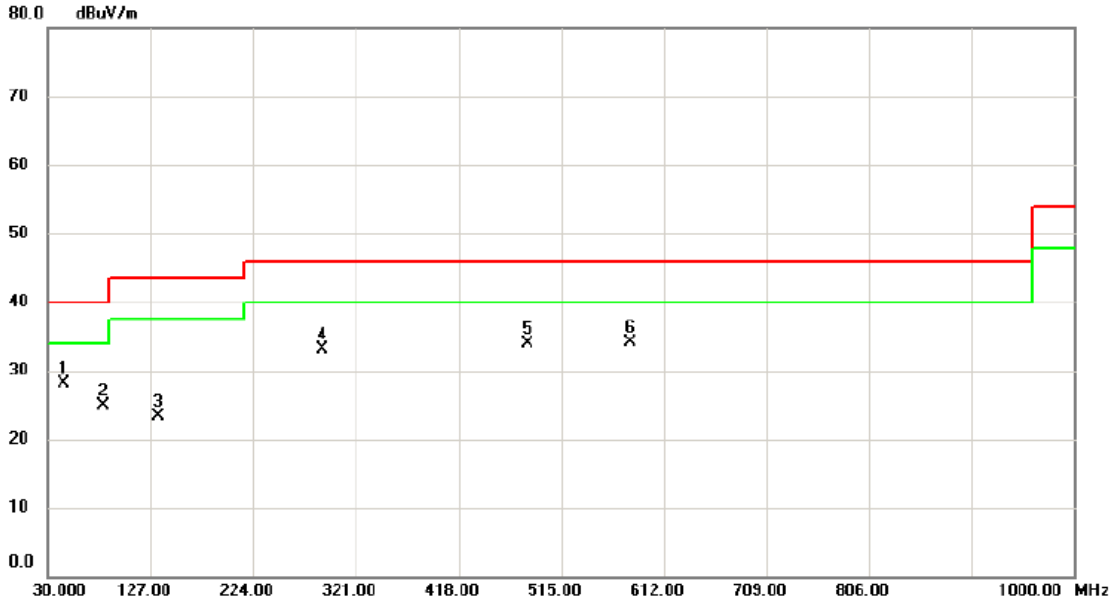
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	44.5500	47.67	-11.94	35.73	40.00	-4.27	Peak	
2	82.3800	48.99	-15.79	33.20	40.00	-6.80	Peak	
3	289.9600	38.88	-9.83	29.05	46.00	-16.95	Peak	
4	482.9900	39.18	-6.88	32.30	46.00	-13.70	Peak	
5	676.9900	41.97	-1.55	40.42	46.00	-5.58	Peak	
6	725.4900	41.17	-1.44	39.73	46.00	-6.27	Peak	

Test Mode:	UNII-3/TX A Mode 5745MHz

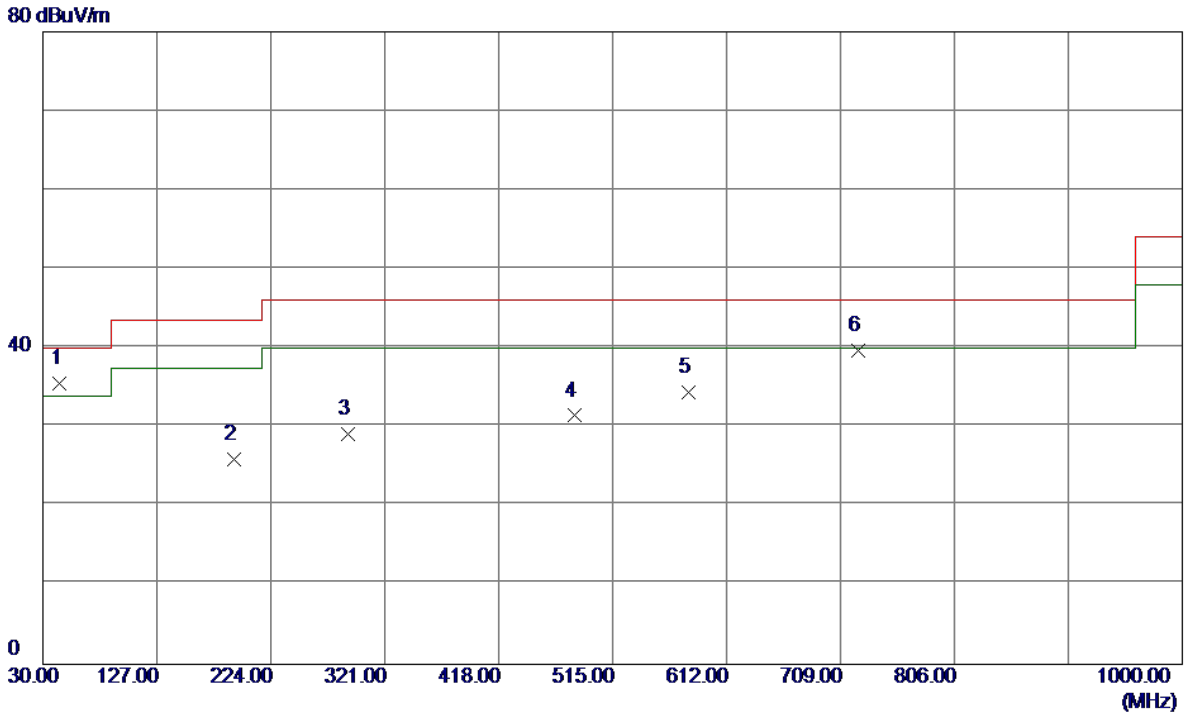
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		44.5500	39.95	-11.94	28.01	40.00	-11.99	peak	
2		82.3800	40.61	-15.80	24.81	40.00	-15.19	peak	
3		133.7900	34.91	-11.53	23.38	43.50	-20.12	peak	
4		289.9600	42.96	-9.82	33.14	46.00	-12.86	peak	
5		482.9900	40.83	-6.88	33.95	46.00	-12.05	peak	
6	*	579.9900	38.78	-4.64	34.14	46.00	-11.86	peak	

Test Mode:	UNII-3/TX A Mode 5785MHz

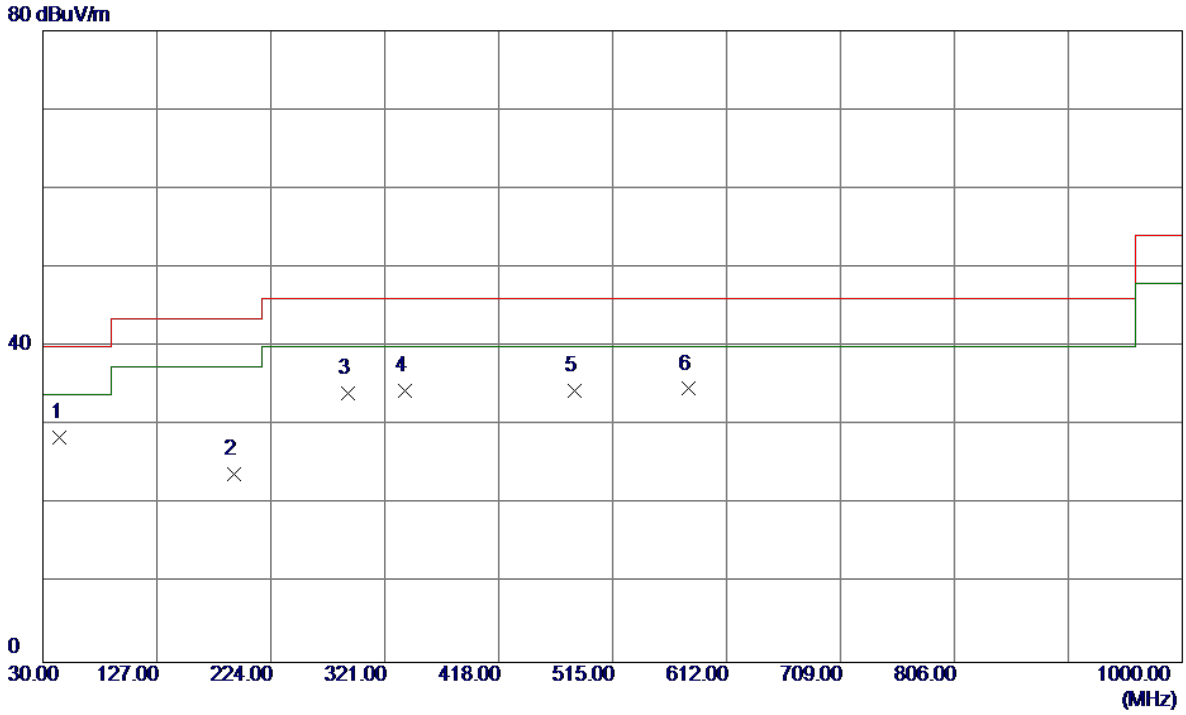
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	44.5500	47.42	-11.94	35.48	40.00	-4.52	Peak	
2	192.9600	39.11	-13.16	25.95	43.50	-17.55	Peak	
3	289.9600	38.89	-9.83	29.06	46.00	-16.94	Peak	
4	482.9900	38.32	-6.88	31.44	46.00	-14.56	Peak	
5	579.9900	38.96	-4.63	34.33	46.00	-11.67	Peak	
6	724.5200	41.07	-1.45	39.62	46.00	-6.38	Peak	

Test Mode:	UNII-3/TX A Mode 5785MHz

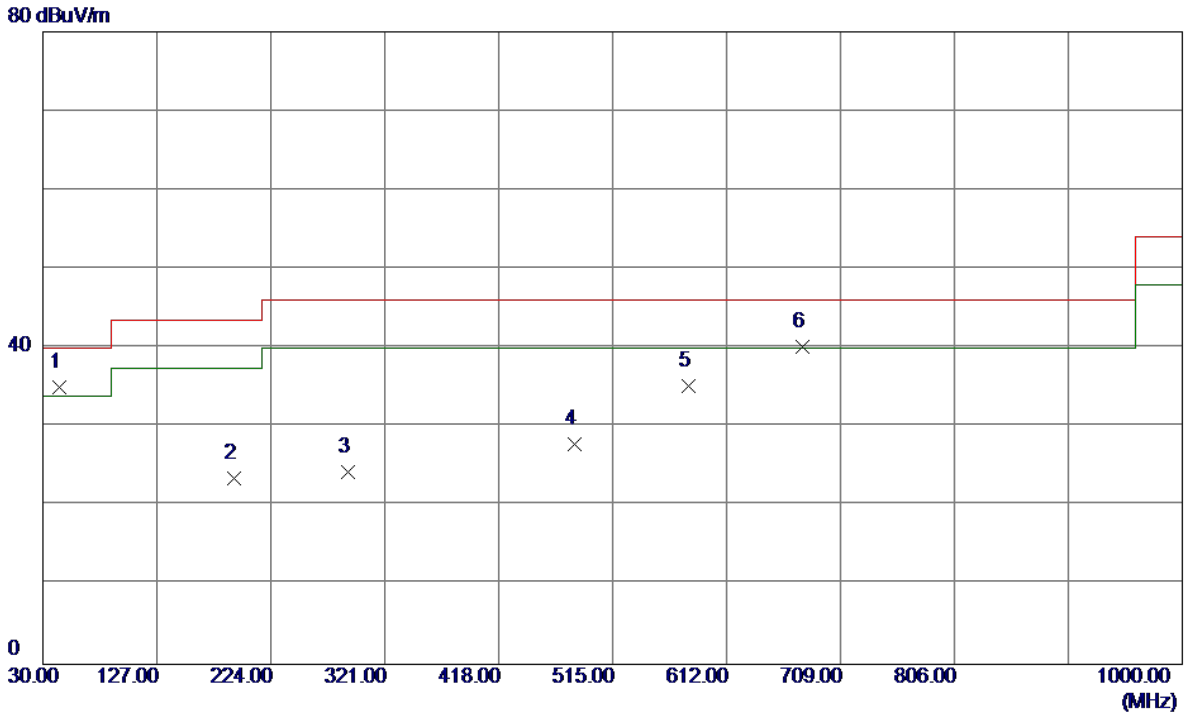
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	44.5500	40.45	-11.94	28.51	40.00	-11.49	Peak	
2	192.9600	37.07	-13.16	23.91	43.50	-19.59	Peak	
3	289.9600	43.97	-9.83	34.14	46.00	-11.86	Peak	
4	338.4600	44.19	-9.84	34.35	46.00	-11.65	Peak	
5	482.9900	41.33	-6.88	34.45	46.00	-11.55	Peak	
6	579.9900	39.27	-4.63	34.64	46.00	-11.36	Peak	

Test Mode:	UNII-3/TX A Mode 5825MHz

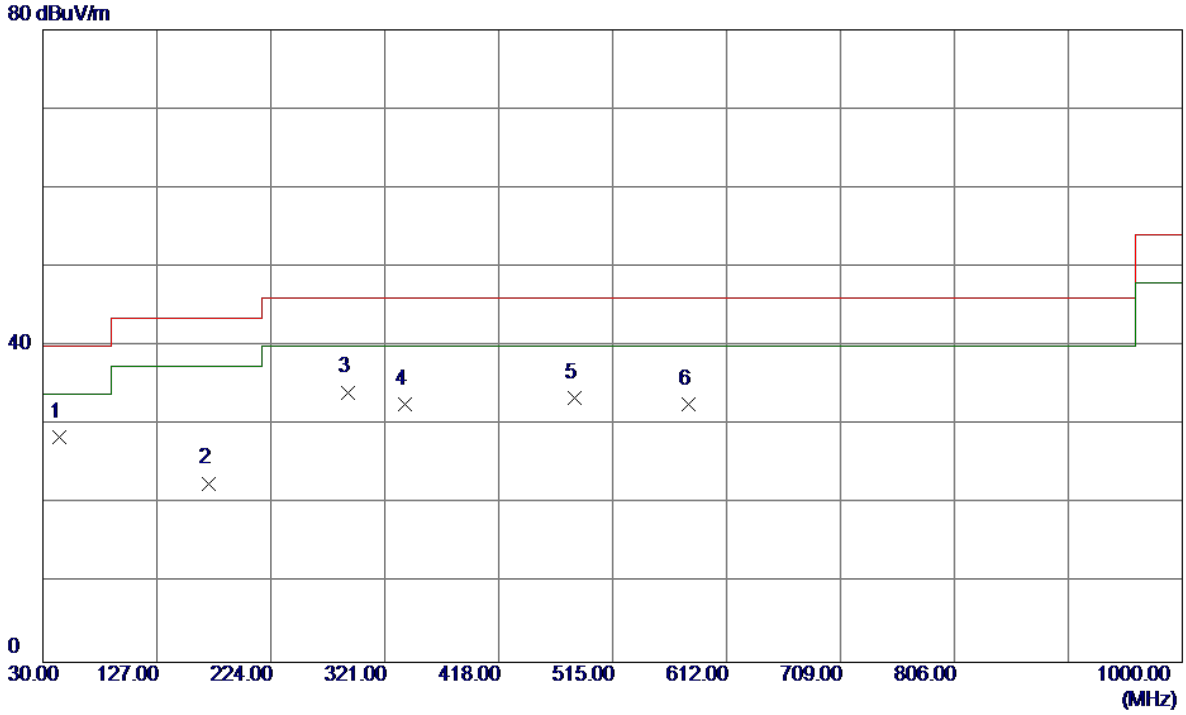
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	43.5800	47.12	-12.04	35.08	40.00	-4.92	Peak	
2	192.9600	36.69	-13.16	23.53	43.50	-19.97	Peak	
3	289.9600	34.14	-9.83	24.31	46.00	-21.69	Peak	
4	482.9900	34.69	-6.88	27.81	46.00	-18.19	Peak	
5	579.9900	39.79	-4.63	35.16	46.00	-10.84	Peak	
6	676.9900	41.68	-1.55	40.13	46.00	-5.87	Peak	

Test Mode:	UNII-3/TX A Mode 5825MHz

Horizontal

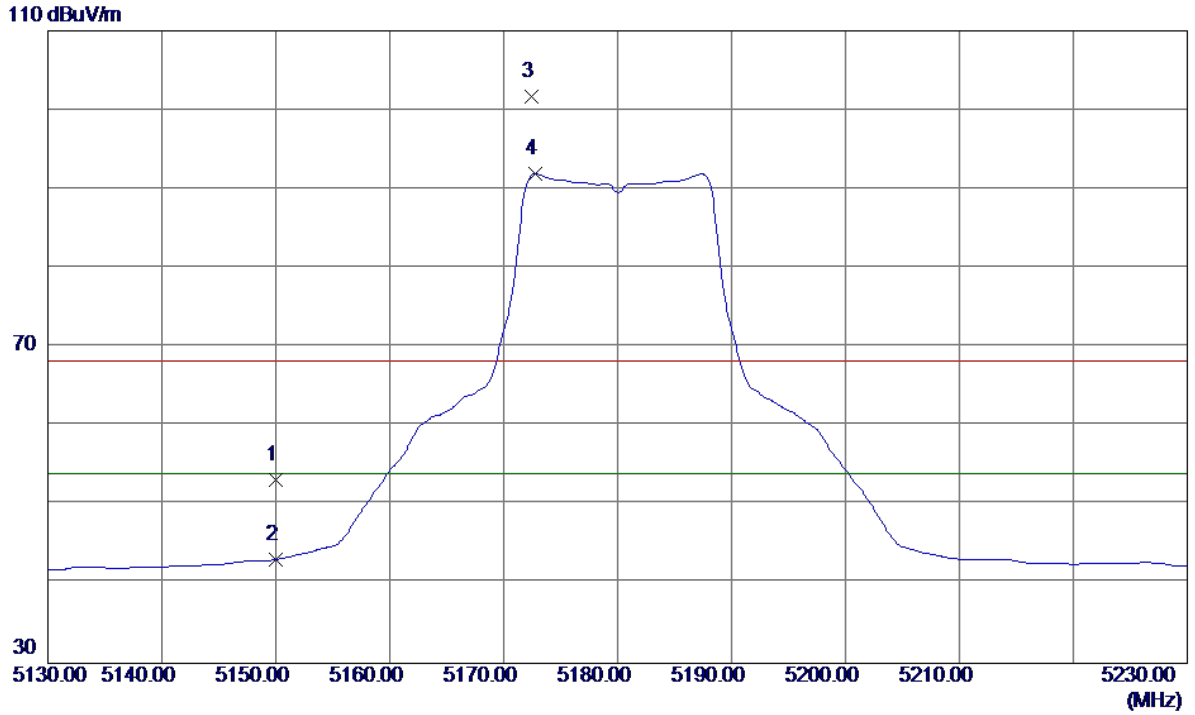


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	43.5800	40.57	-12.04	28.53	40.00	-11.47	Peak	
2	171.6200	33.82	-11.18	22.64	43.50	-20.86	Peak	
3	289.9600	43.99	-9.83	34.16	46.00	-11.84	Peak	
4	338.4600	42.51	-9.84	32.67	46.00	-13.33	Peak	
5	482.9900	40.30	-6.88	33.42	46.00	-12.58	Peak	
6	579.9900	37.29	-4.63	32.66	46.00	-13.34	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

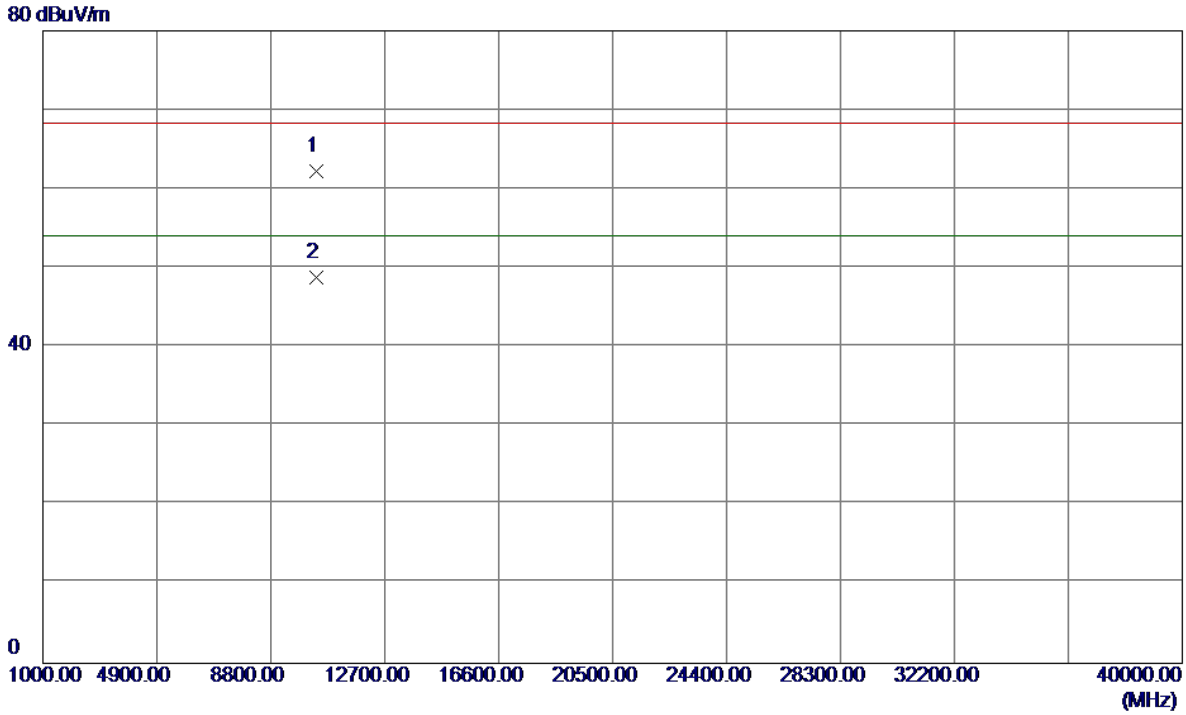
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	15.29	37.89	53.18	68.30	-15.12	Peak	
2	5150.0000	5.24	37.89	43.13	54.00	-10.87	AVG	
3	5172.4000	63.76	37.99	101.75	68.30	33.45	Peak	No Limit
4	5172.8000	53.89	37.99	91.88	54.00	37.88	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

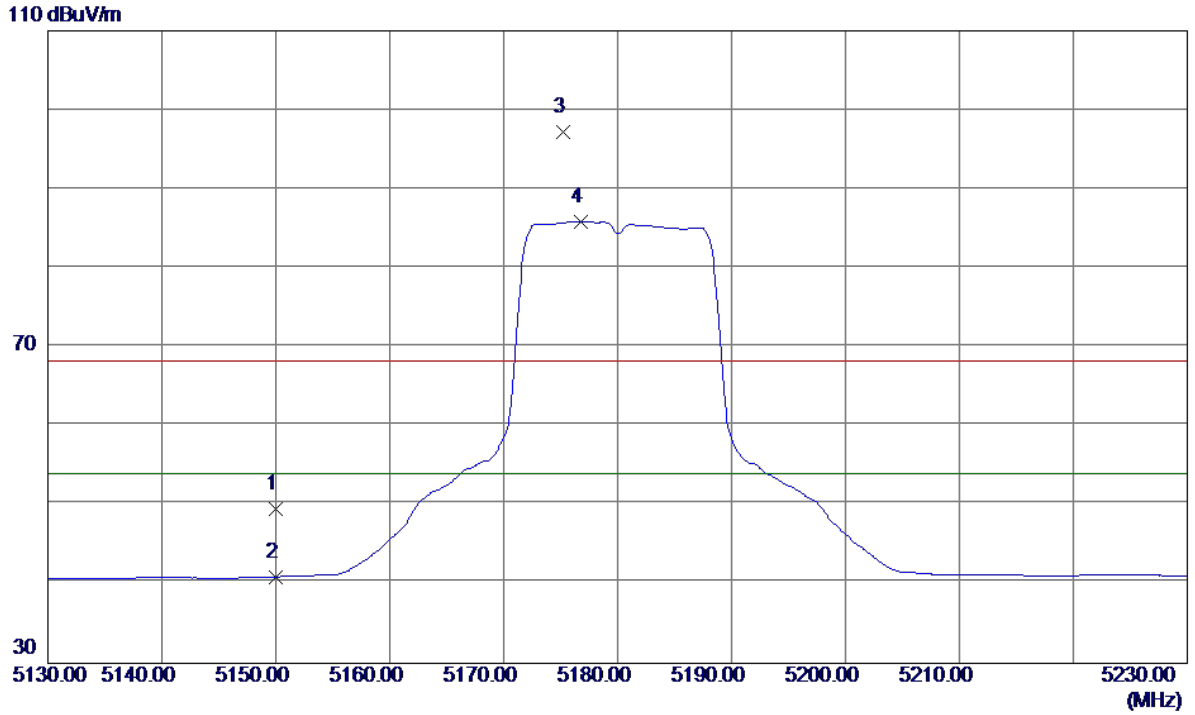
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10355.7000	48.32	13.86	62.18	68.30	-6.12	Peak	
2	10360.6000	34.92	13.86	48.78	54.00	-5.22	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

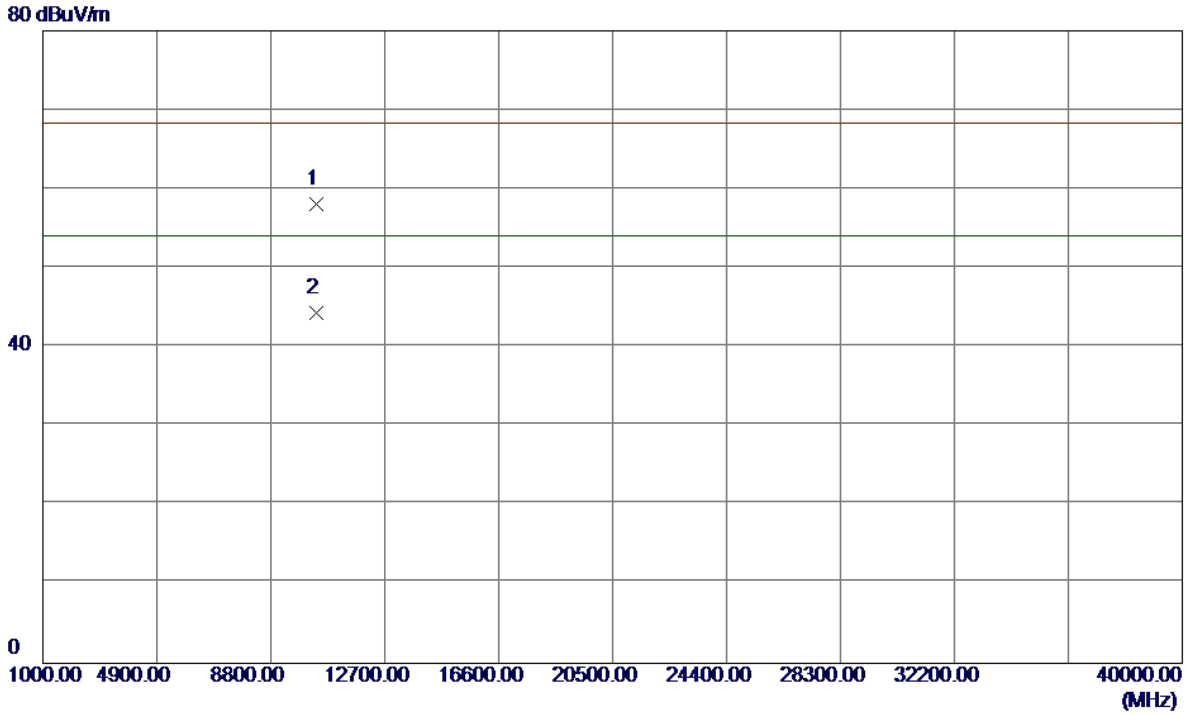
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	11.67	37.89	49.56	68.30	-18.74	Peak	
2	5150.0000	3.06	37.89	40.95	54.00	-13.05	AVG	
3	5175.2000	59.21	38.00	97.21	68.30	28.91	Peak	No Limit
4	5176.8000	47.85	38.01	85.86	54.00	31.86	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

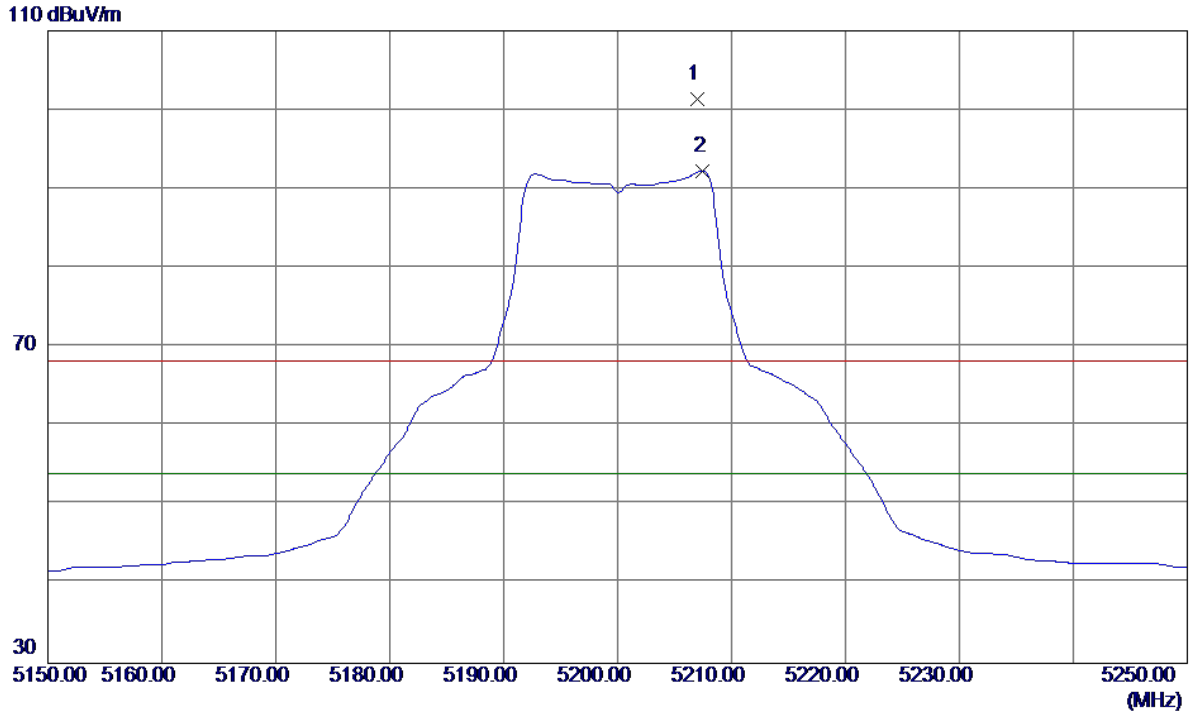
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10358.4000	44.16	13.86	58.02	68.30	-10.28	Peak	
2	10360.0000	30.40	13.86	44.26	54.00	-9.74	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

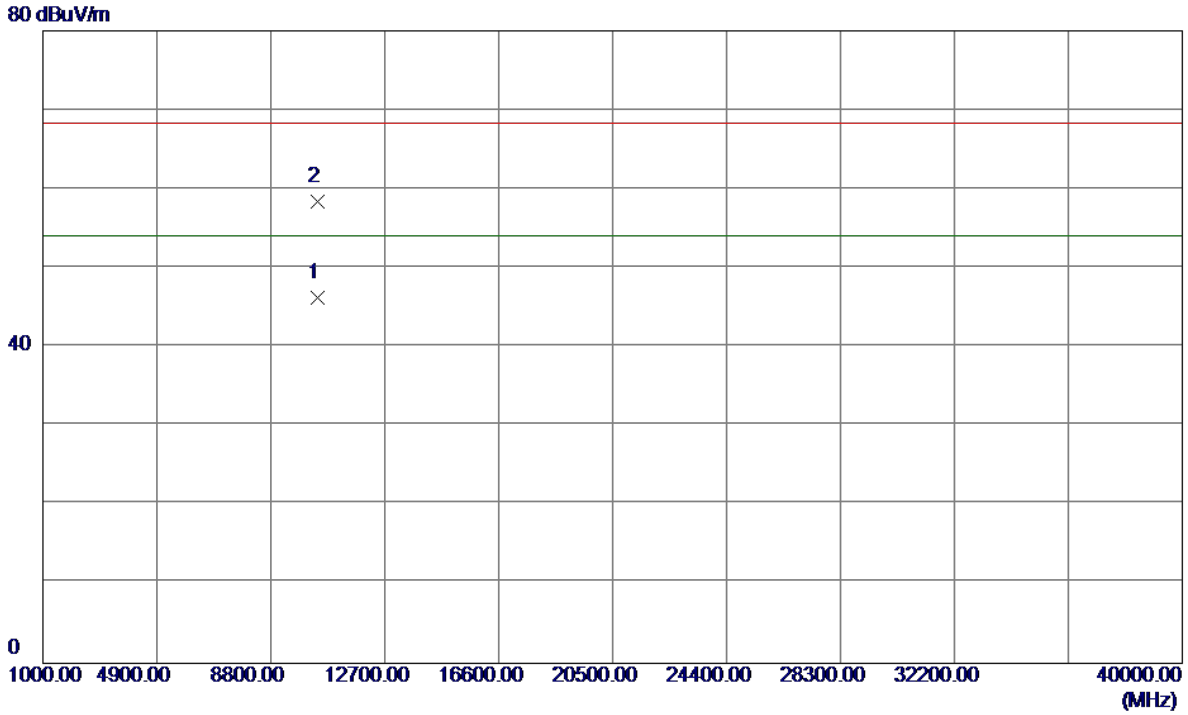
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5207.0000	63.20	38.14	101.34	68.30	33.04	Peak	No Limit
2	5207.5000	54.15	38.15	92.30	54.00	38.30	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

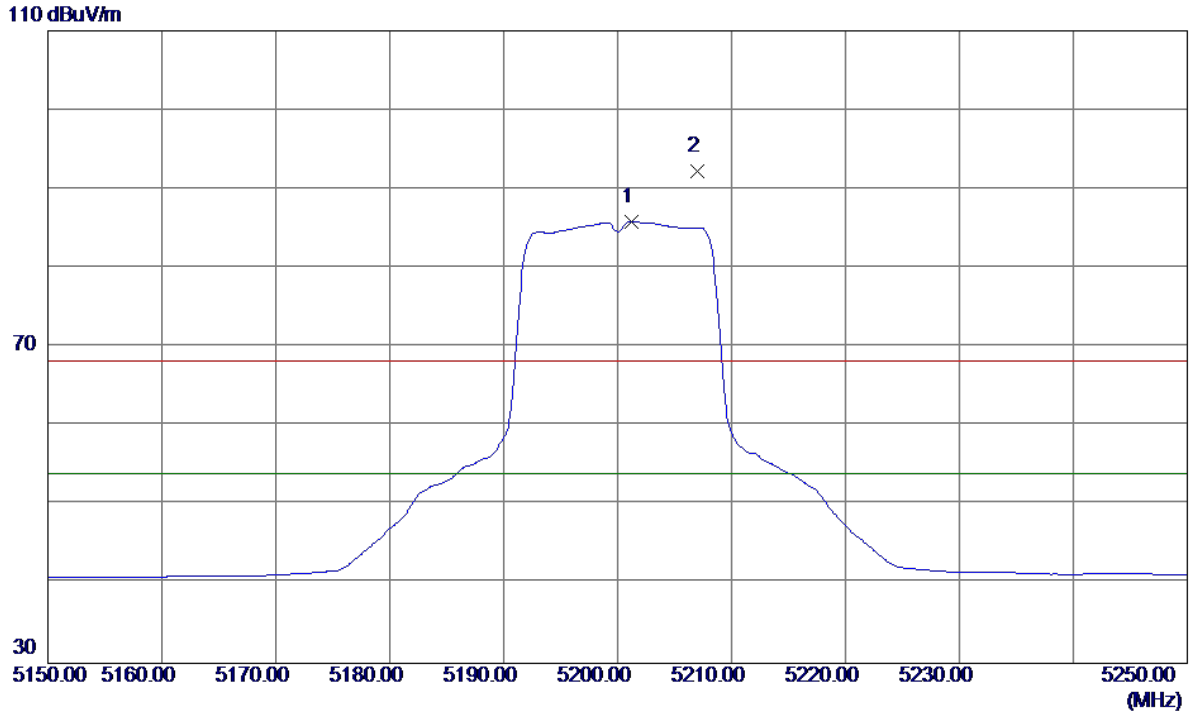
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.0000	32.37	13.80	46.17	54.00	-7.83	AVG	
2	10401.8000	44.54	13.80	58.34	68.30	-9.96	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

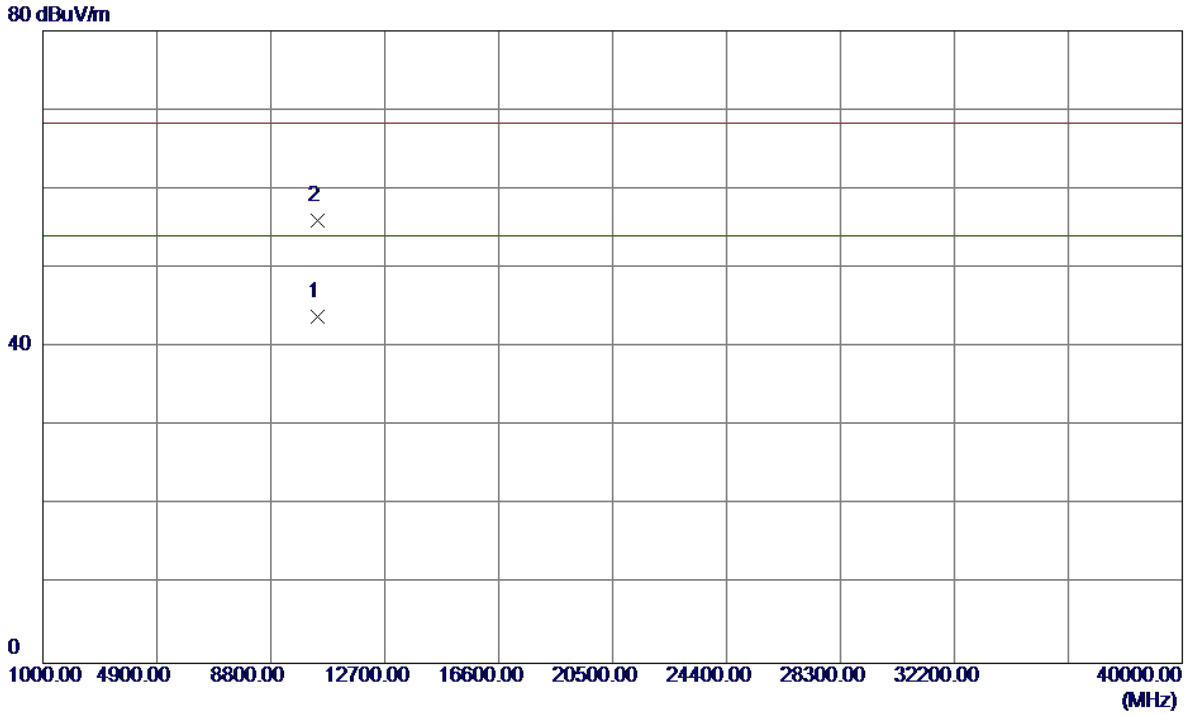
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5201.2000	47.75	38.12	85.87	54.00	31.87	AVG	No Limit
2	5207.0000	54.17	38.14	92.31	68.30	24.01	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

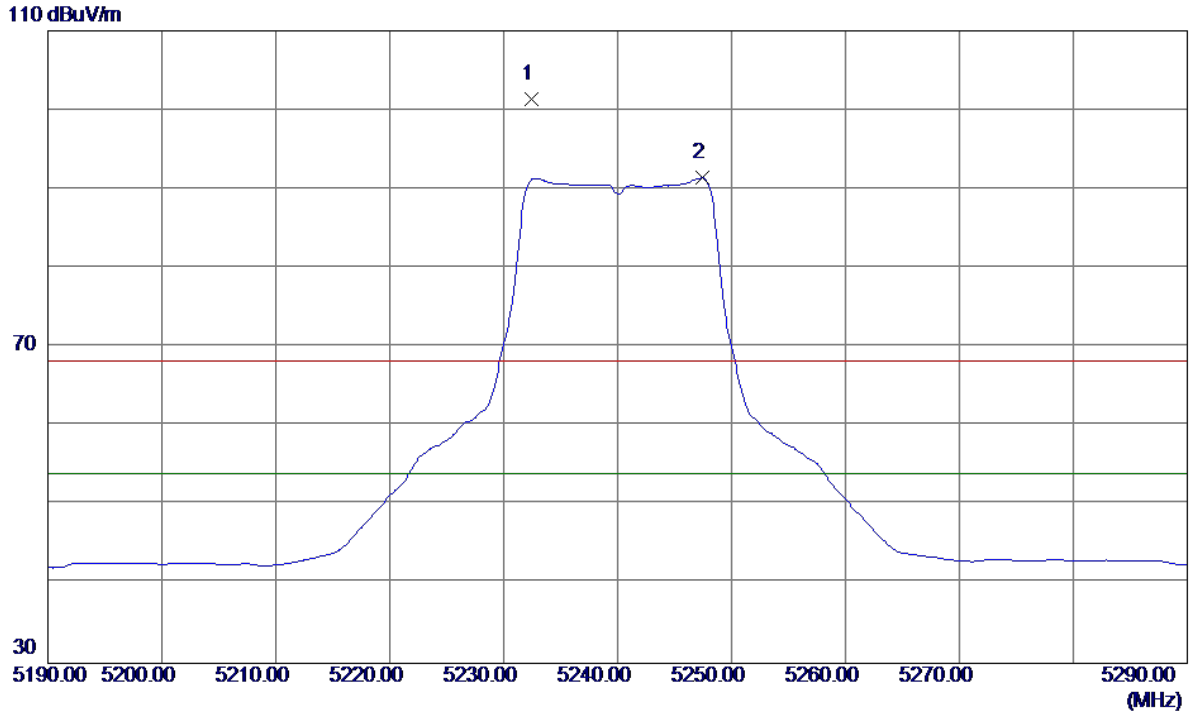
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.8000	29.99	13.80	43.79	54.00	-10.21	AVG	
2	10402.0000	42.18	13.80	55.98	68.30	-12.32	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

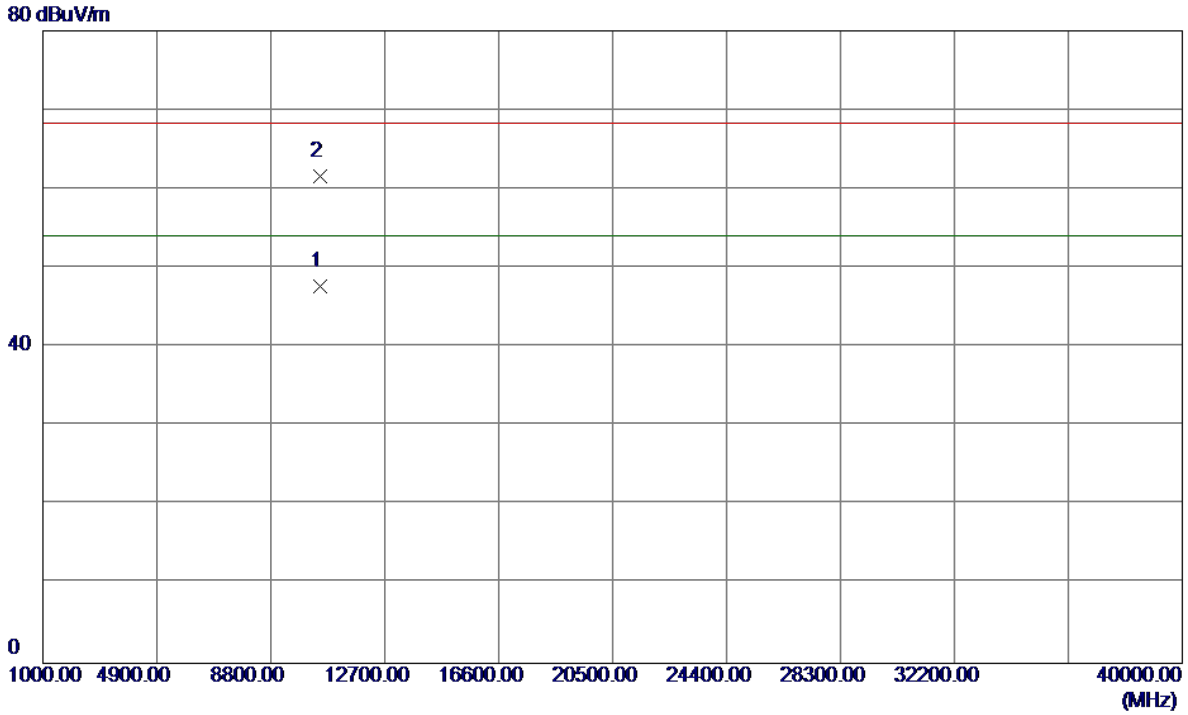
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.4000	63.04	38.26	101.30	68.30	33.00	Peak	No Limit
2	5247.4000	53.06	38.32	91.38	54.00	37.38	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

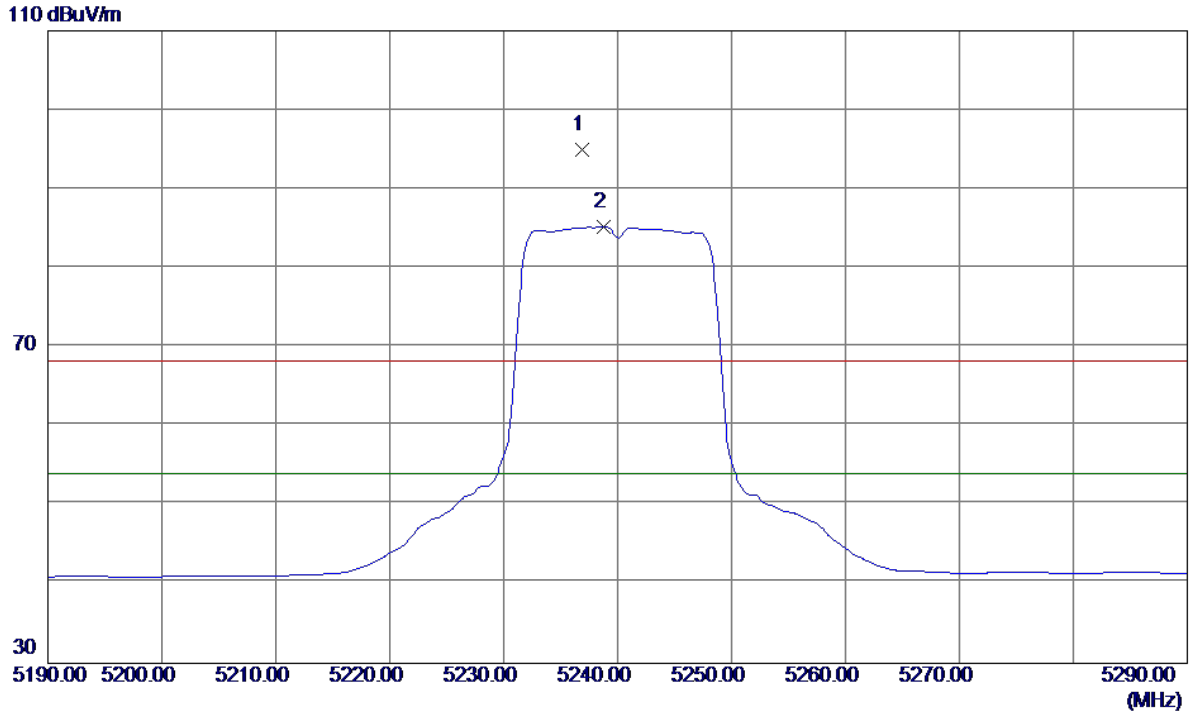
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.9000	33.96	13.69	47.65	54.00	-6.35	AVG	
2	10485.7000	47.93	13.68	61.61	68.30	-6.69	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

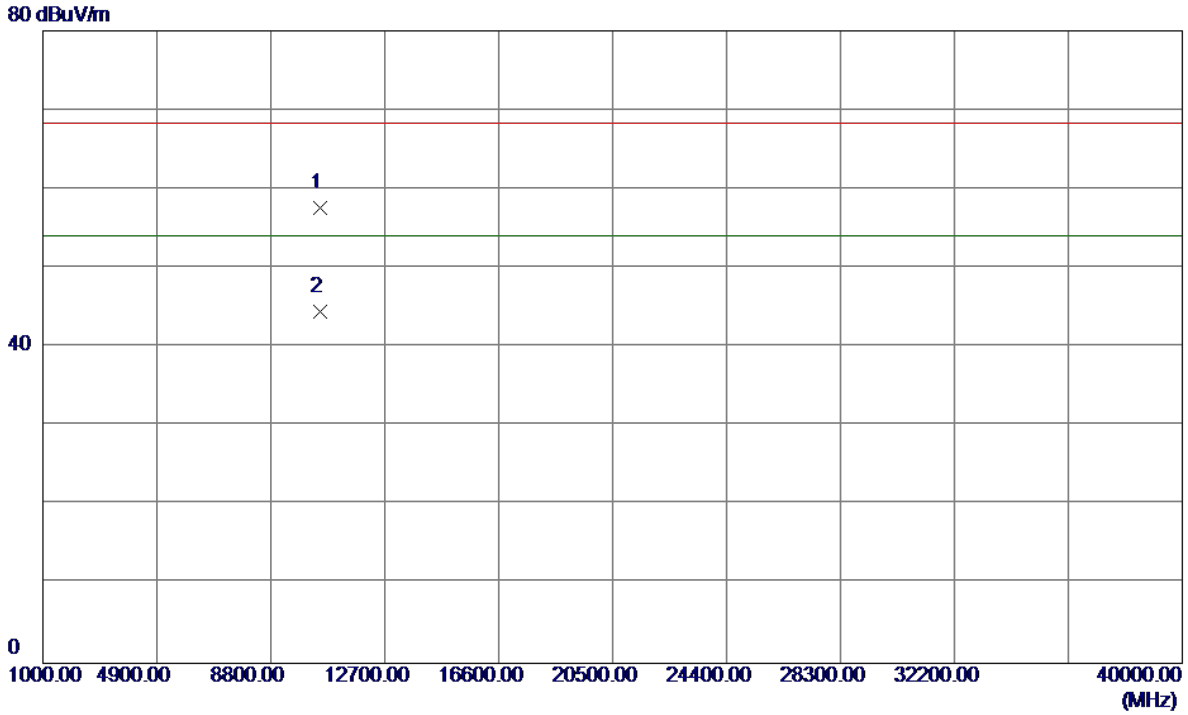
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5236.9000	56.62	38.28	94.90	68.30	26.60	Peak	No Limit
2	5238.8000	46.92	38.29	85.21	54.00	31.21	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

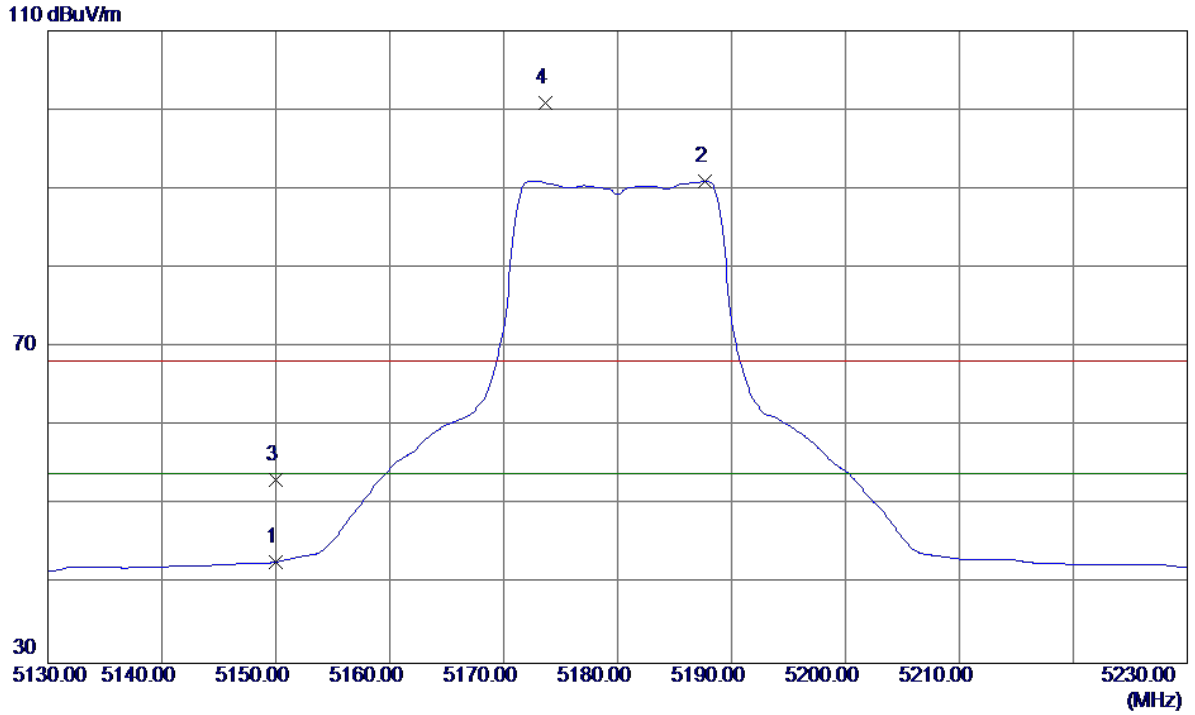
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10476.5000	43.93	13.70	57.63	68.30	-10.67	Peak	
2	10480.7000	30.75	13.69	44.44	54.00	-9.56	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

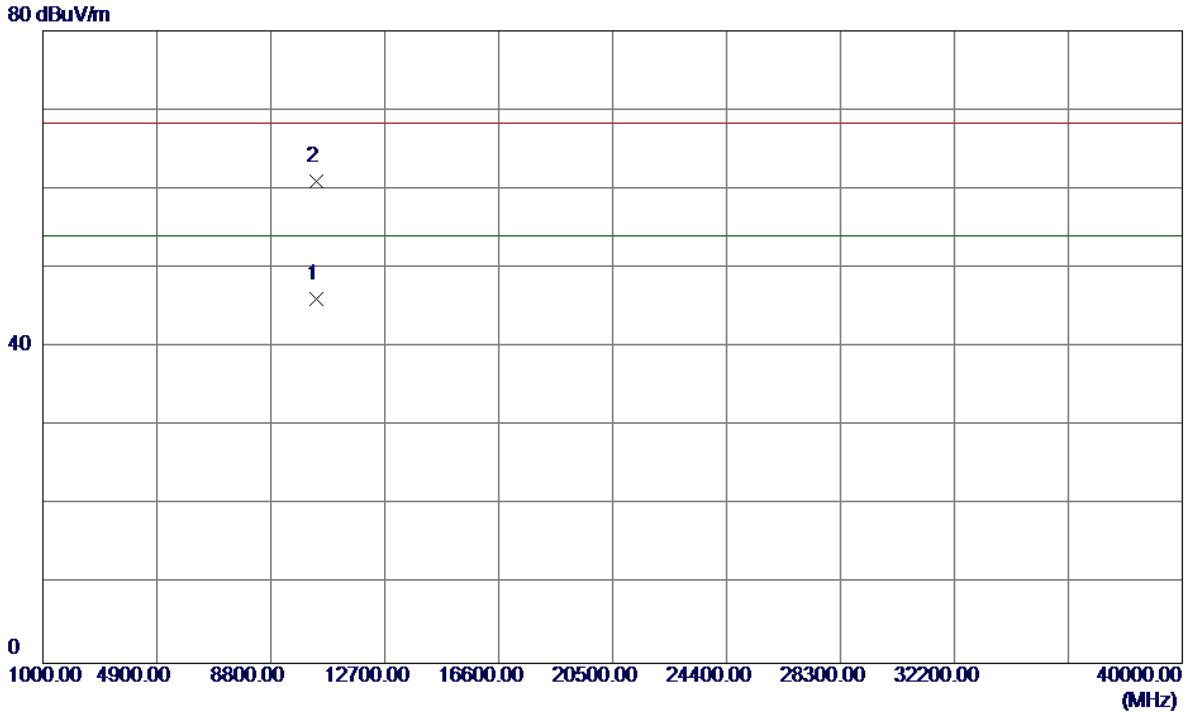
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	4.93	37.89	42.82	54.00	-11.18	AVG	
2	5187.7000	52.90	38.06	90.96	54.00	36.96	AVG	No Limit
3	5150.0000	15.37	37.89	53.26	68.30	-15.04	Peak	
4	5173.7000	62.95	38.00	100.95	68.30	32.65	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

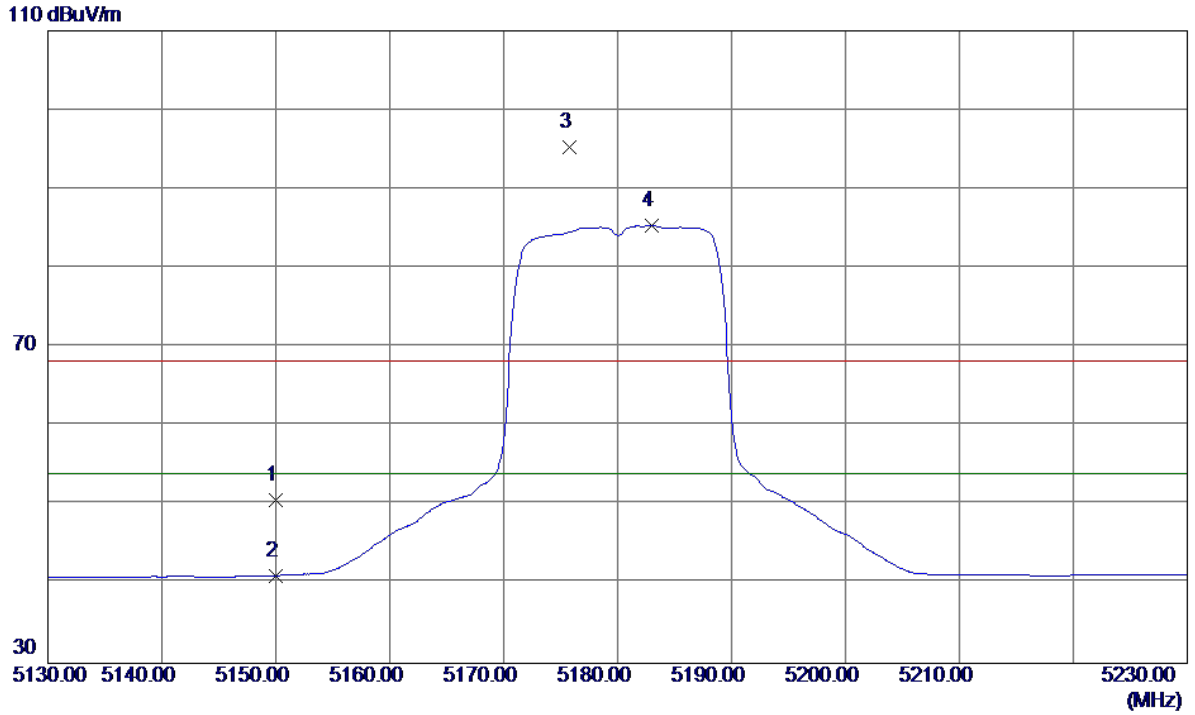
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.8000	32.28	13.86	46.14	54.00	-7.86	AVG	
2	10360.9000	47.16	13.86	61.02	68.30	-7.28	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

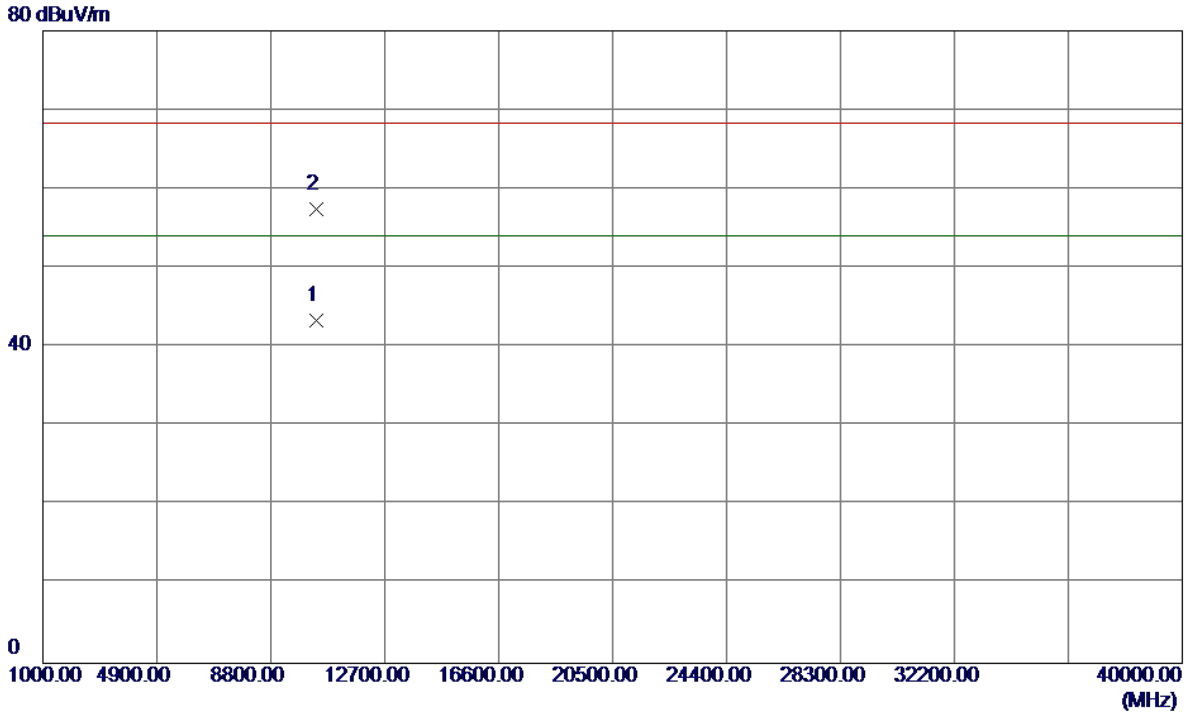
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	12.76	37.89	50.65	68.30	-17.65	Peak	
2	5150.0000	3.21	37.89	41.10	54.00	-12.90	AVG	
3	5175.8000	57.27	38.01	95.28	68.30	26.98	Peak	No Limit
4	5183.0000	47.36	38.04	85.40	54.00	31.40	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

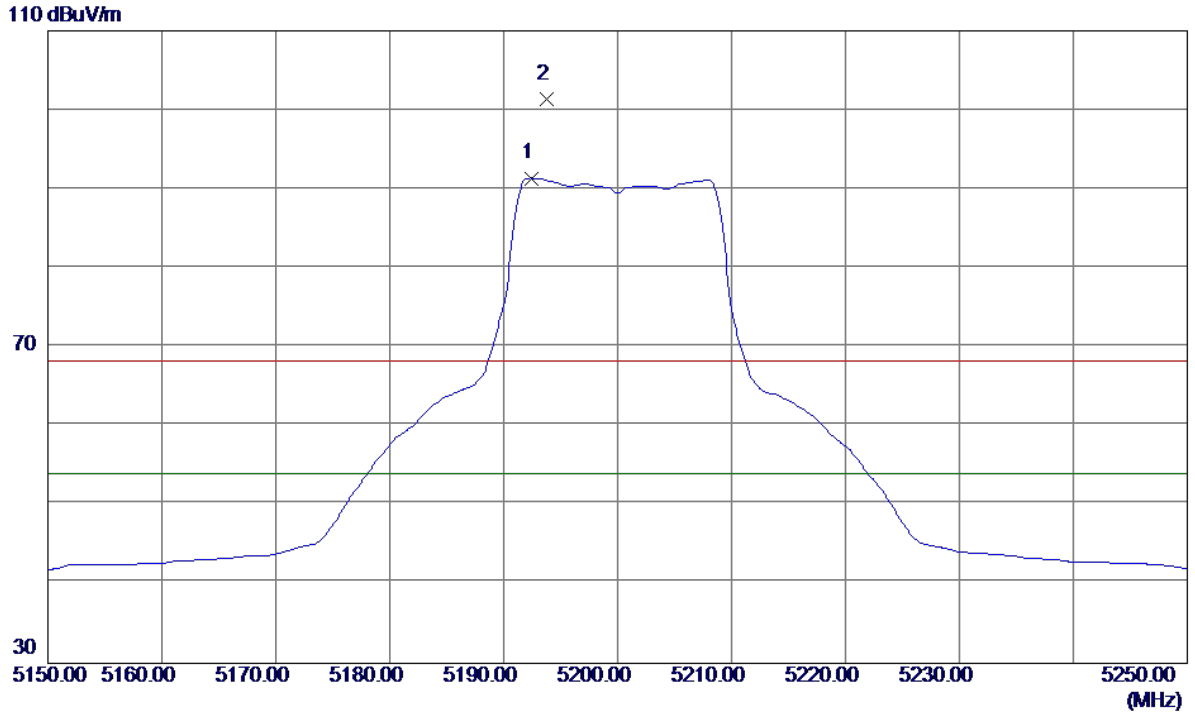
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.2000	29.48	13.86	43.34	54.00	-10.66	AVG	
2	10360.0000	43.55	13.86	57.41	68.30	-10.89	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

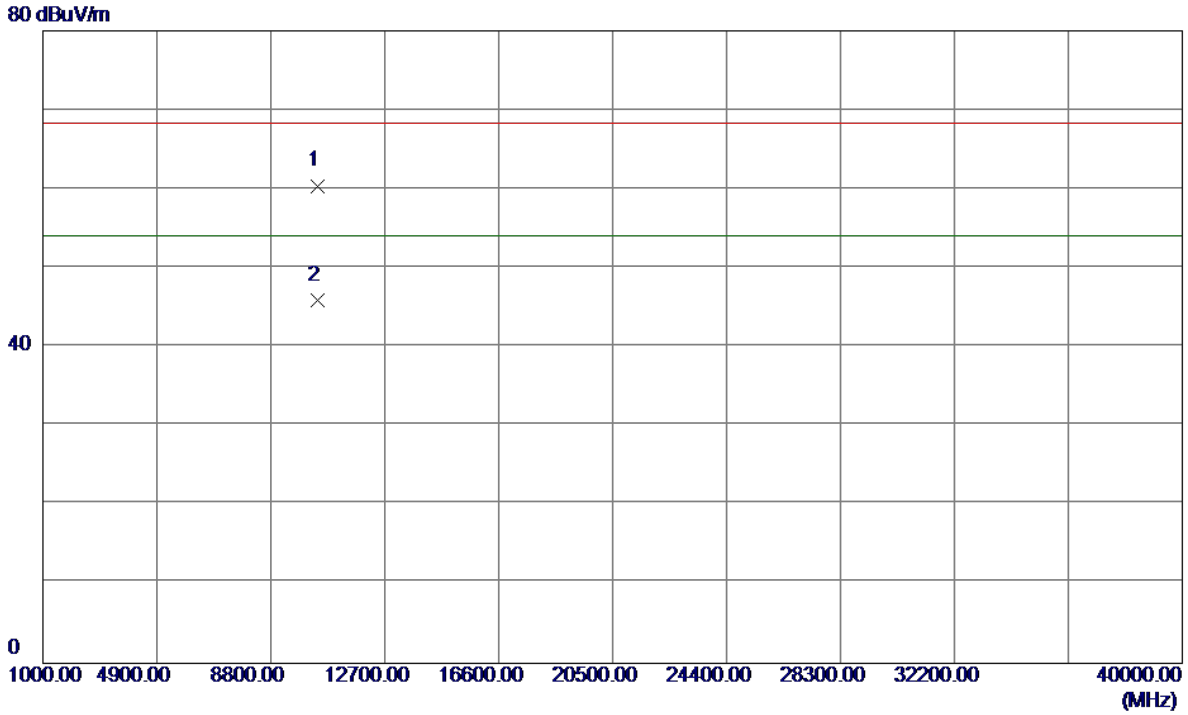
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5192.4000	53.28	38.08	91.36	54.00	37.36	AVG	No Limit
2	5193.8000	63.32	38.09	101.41	68.30	33.11	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

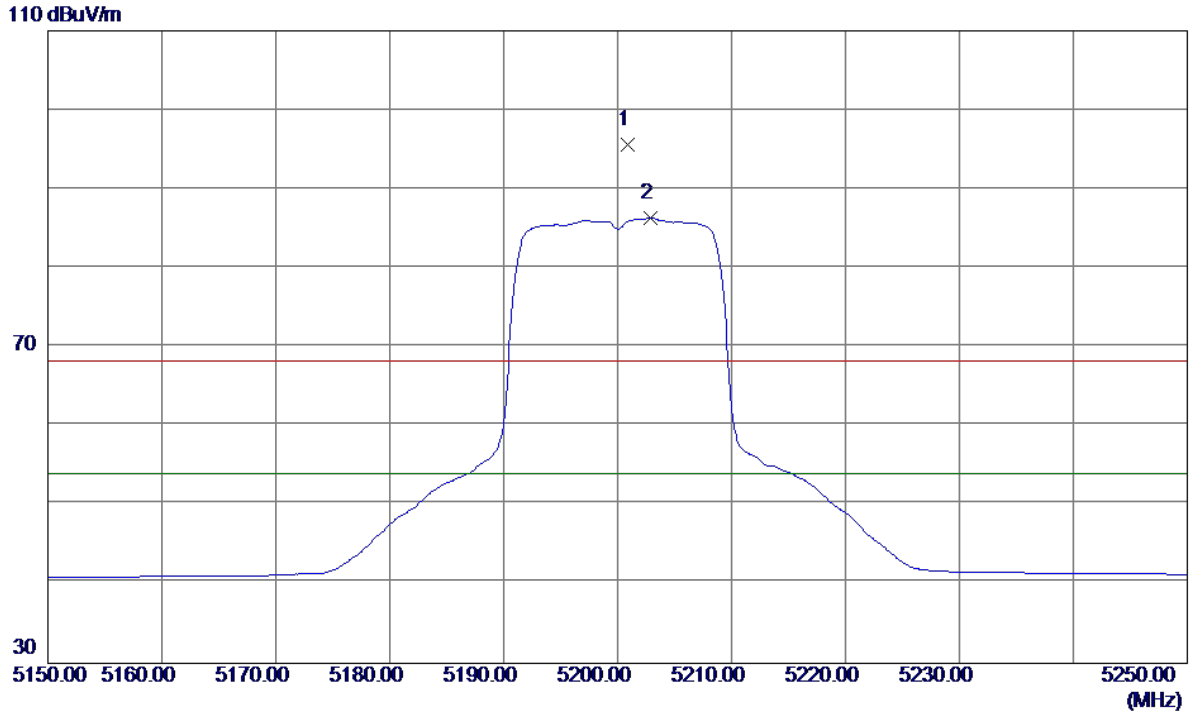
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.3000	46.60	13.80	60.40	68.30	-7.90	Peak	
2	10400.6000	32.13	13.80	45.93	54.00	-8.07	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

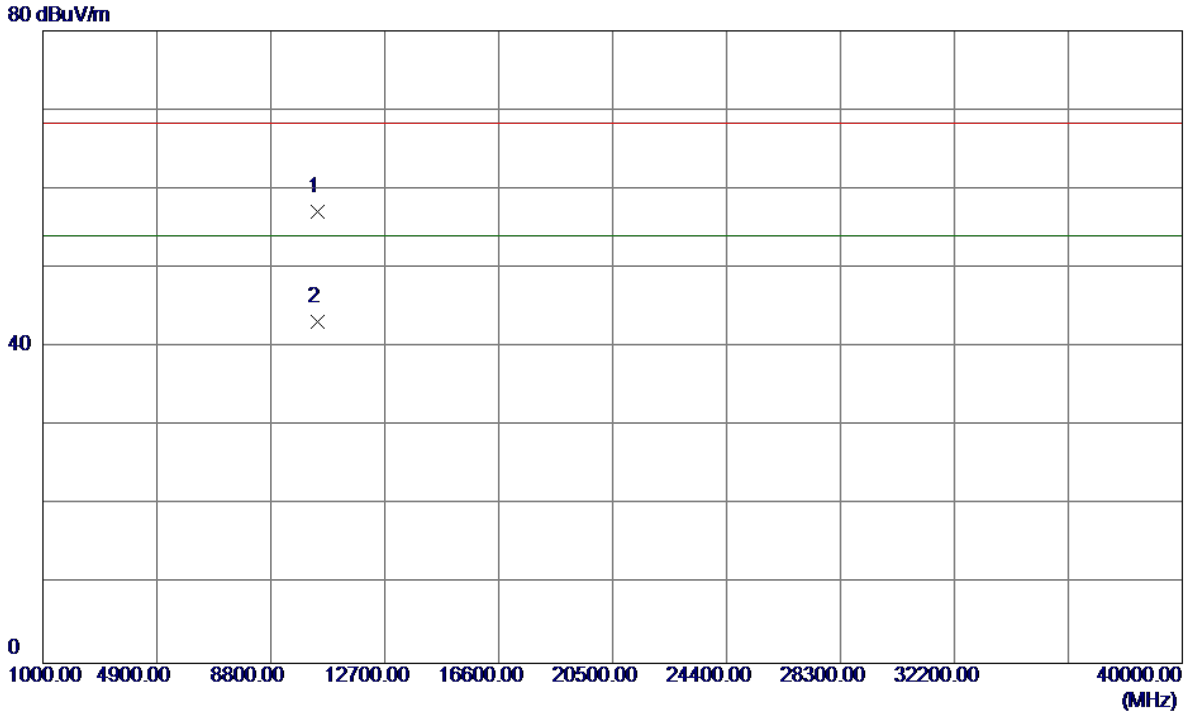
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5200.9000	57.54	38.12	95.66	68.30	27.36	Peak	No Limit
2	5202.9000	48.16	38.13	86.29	54.00	32.29	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

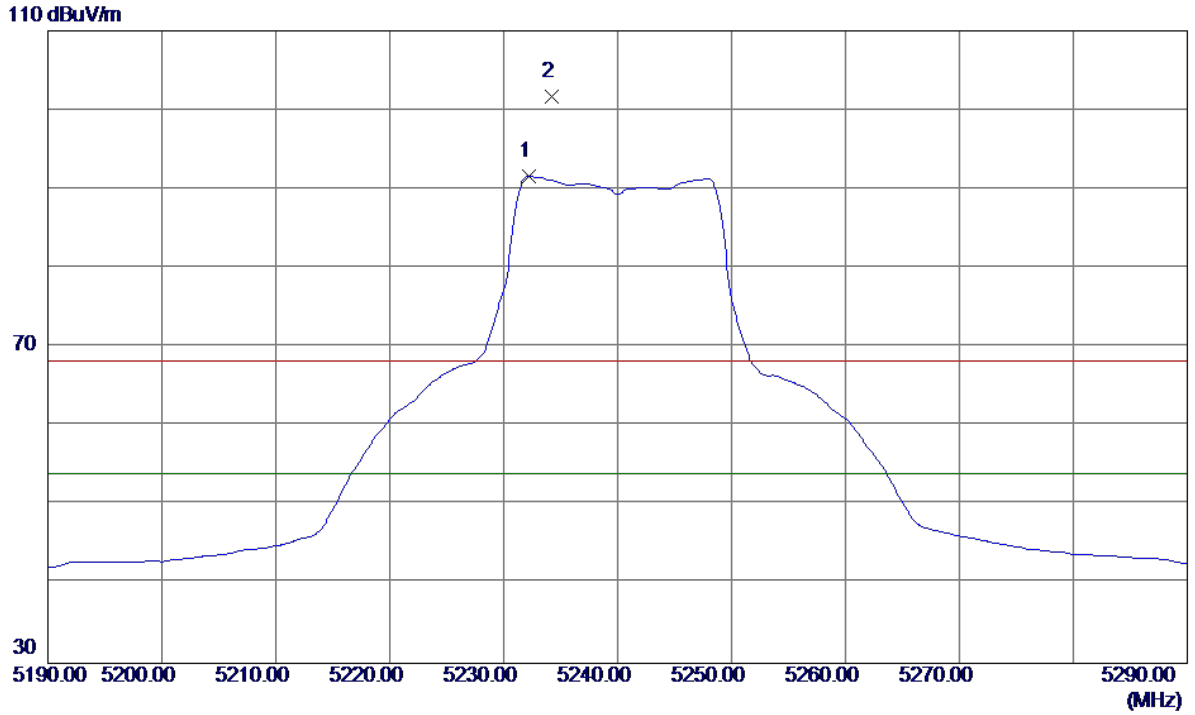
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10397.5000	43.25	13.81	57.06	68.30	-11.24	Peak	
2	10398.6000	29.38	13.80	43.18	54.00	-10.82	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

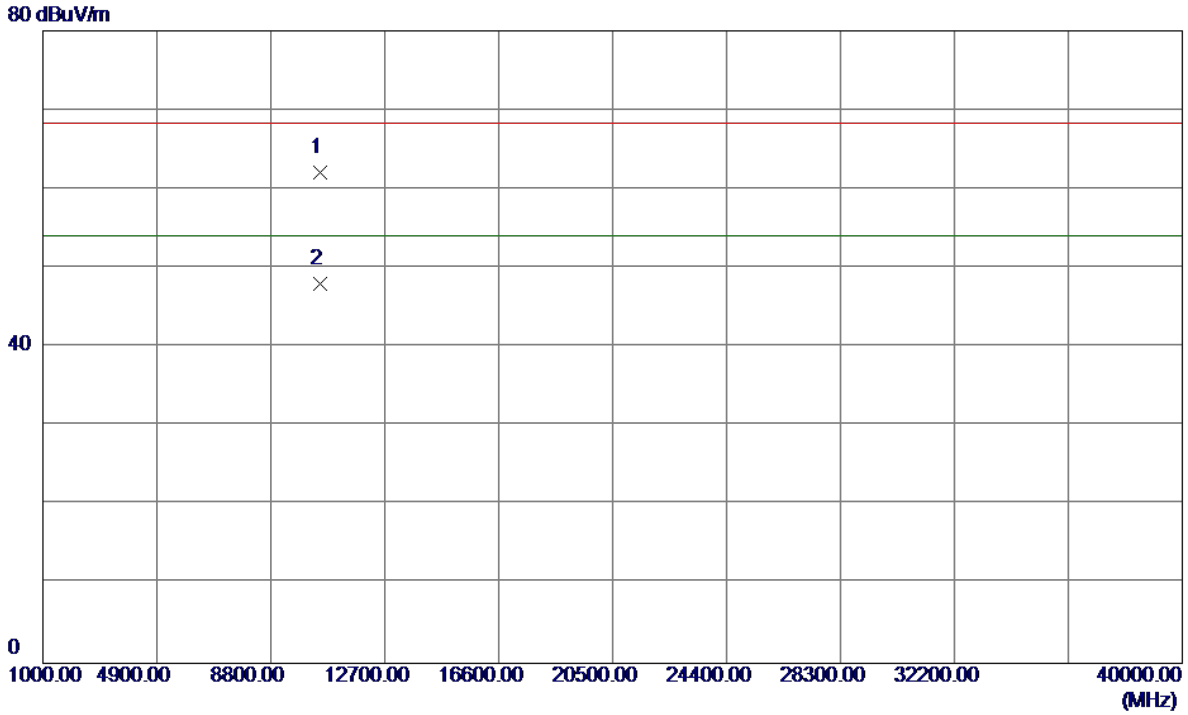
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.2000	53.31	38.26	91.57	54.00	37.57	AVG	No Limit
2	5234.2000	63.40	38.27	101.67	68.30	33.37	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

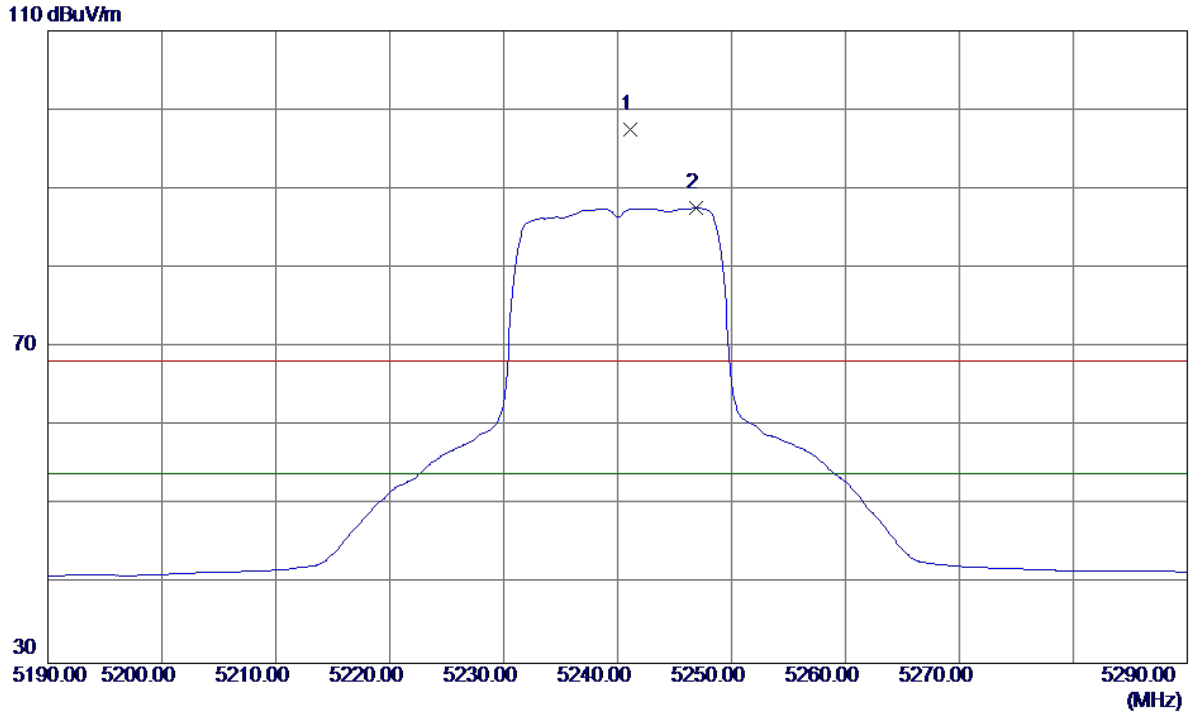
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10478.1000	48.41	13.69	62.10	68.30	-6.20	Peak	
2	10481.9000	34.35	13.69	48.04	54.00	-5.96	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

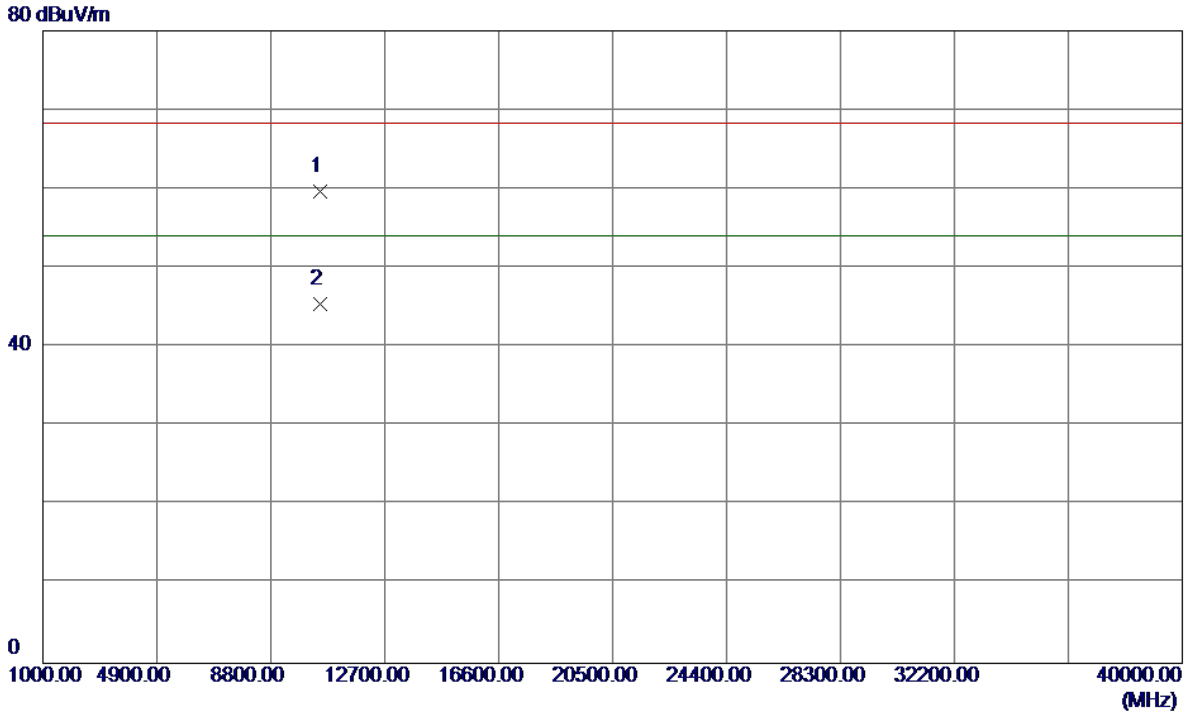
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5241.1000	59.20	38.30	97.50	68.30	29.20	Peak	No Limit
2	5246.9000	49.28	38.32	87.60	54.00	33.60	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

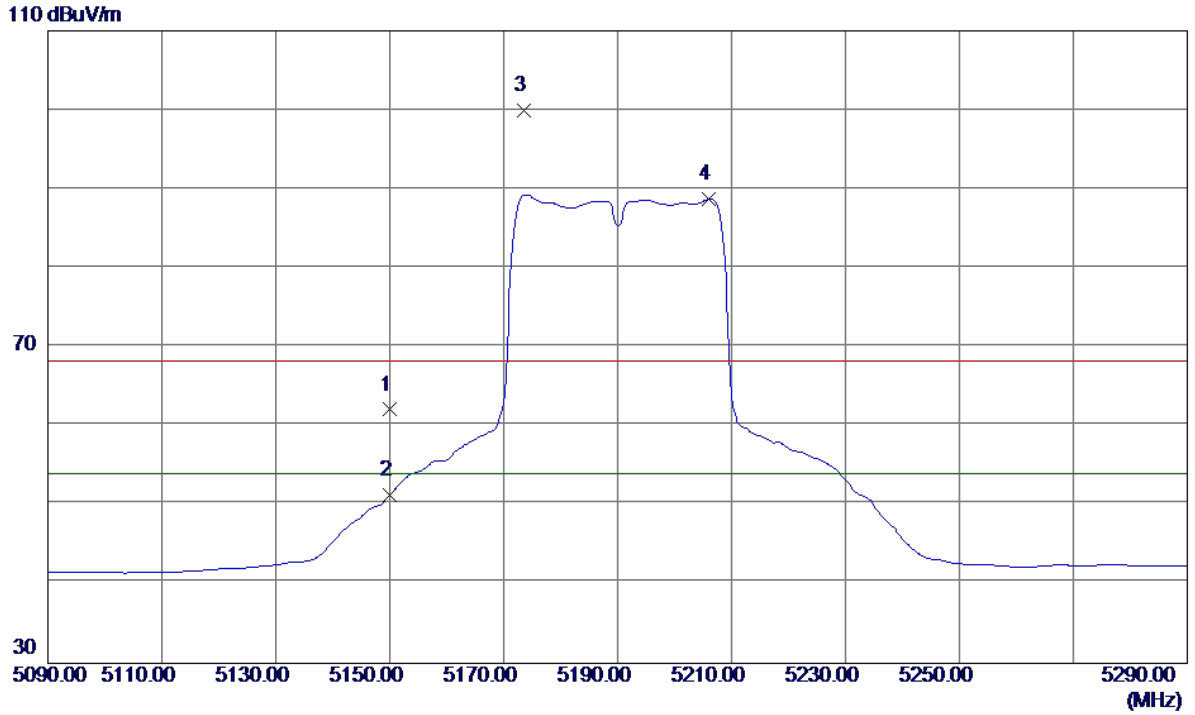
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.7000	46.00	13.69	59.69	68.30	-8.61	Peak	
2	10481.1000	31.71	13.69	45.40	54.00	-8.60	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

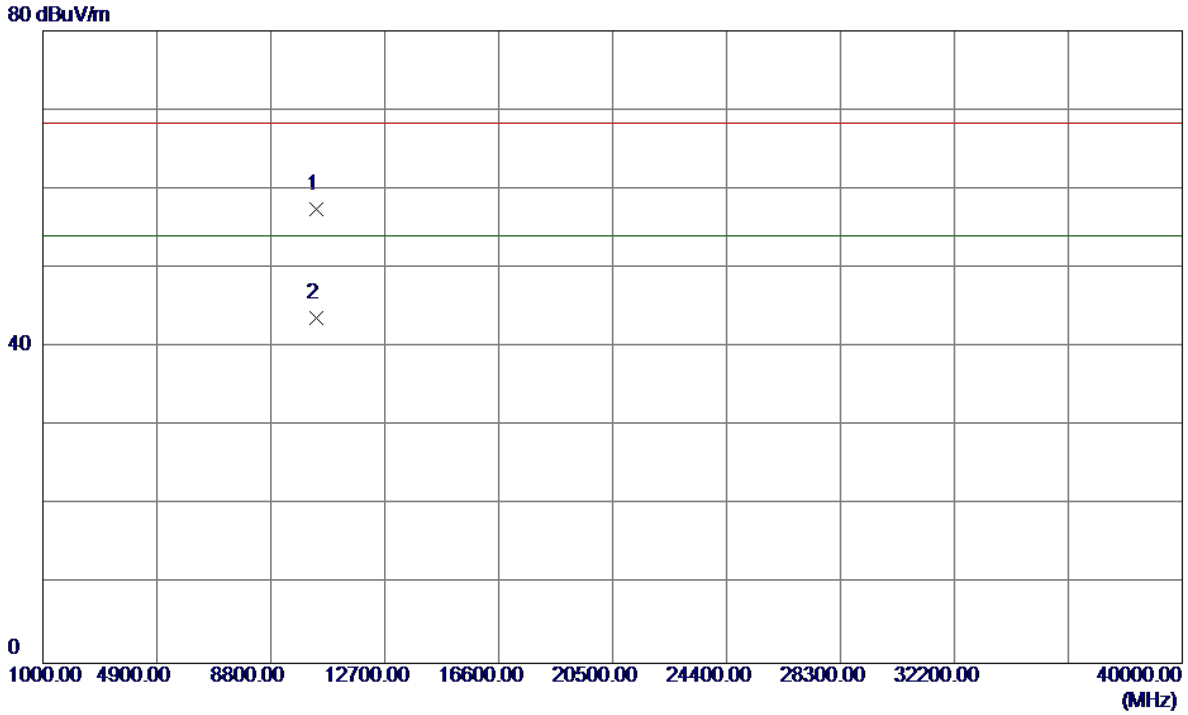
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.19	37.89	62.08	68.30	-6.22	Peak	
2	5150.0000	13.38	37.89	51.27	54.00	-2.73	AVG	
3	5173.6000	61.94	38.00	99.94	68.30	31.64	Peak	No Limit
4	5206.0000	50.54	38.14	88.68	54.00	34.68	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

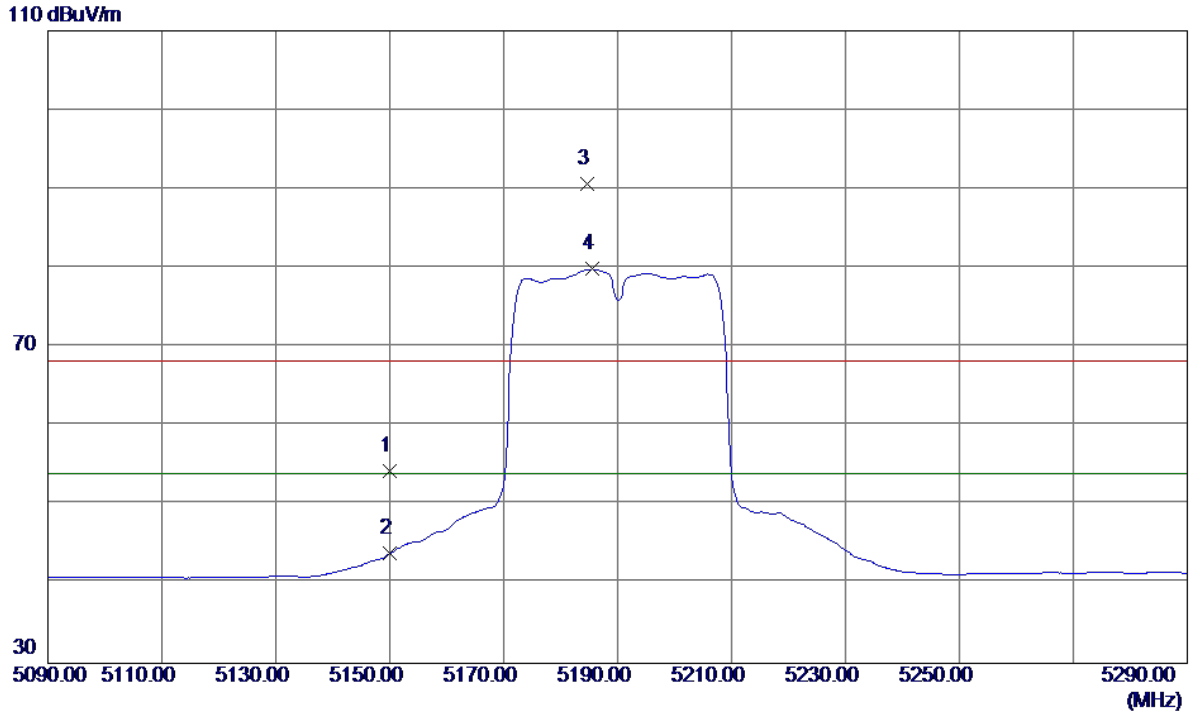
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.3000	43.67	13.83	57.50	68.30	-10.80	Peak	
2	10381.0000	29.81	13.83	43.64	54.00	-10.36	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

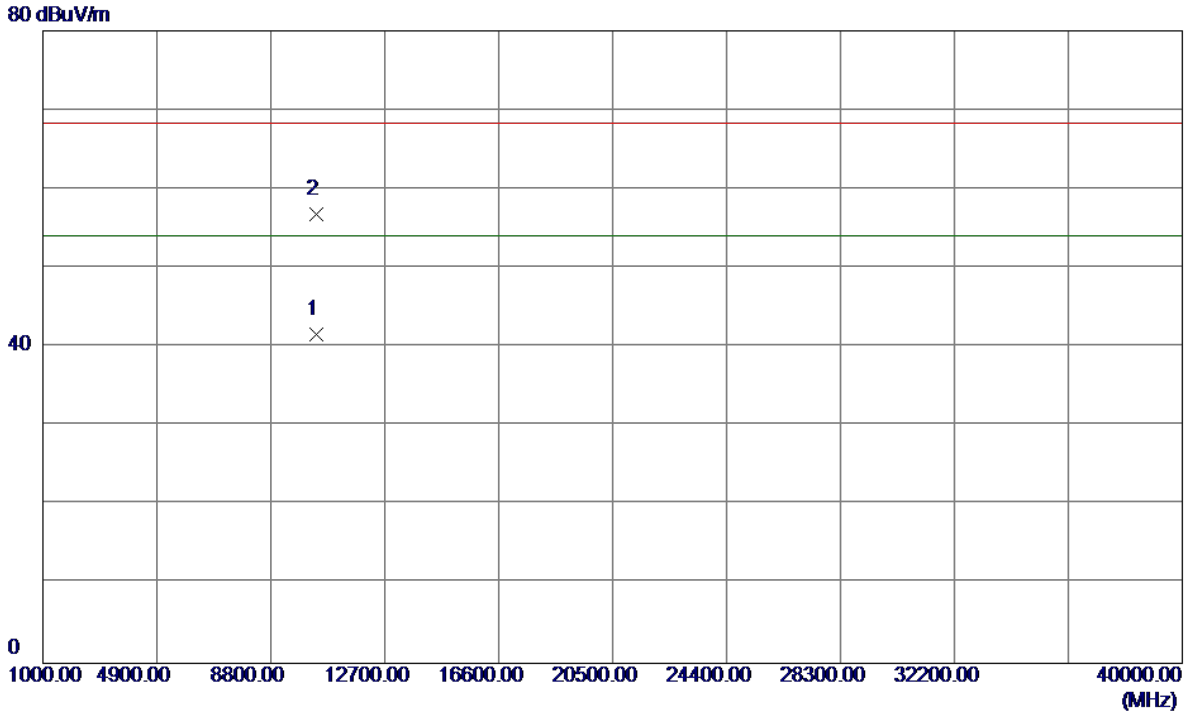
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.45	37.89	54.34	68.30	-13.96	Peak	
2	5150.0000	5.99	37.89	43.88	54.00	-10.12	AVG	
3	5184.6000	52.54	38.05	90.59	68.30	22.29	Peak	No Limit
4	5185.6000	41.80	38.05	79.85	54.00	25.85	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

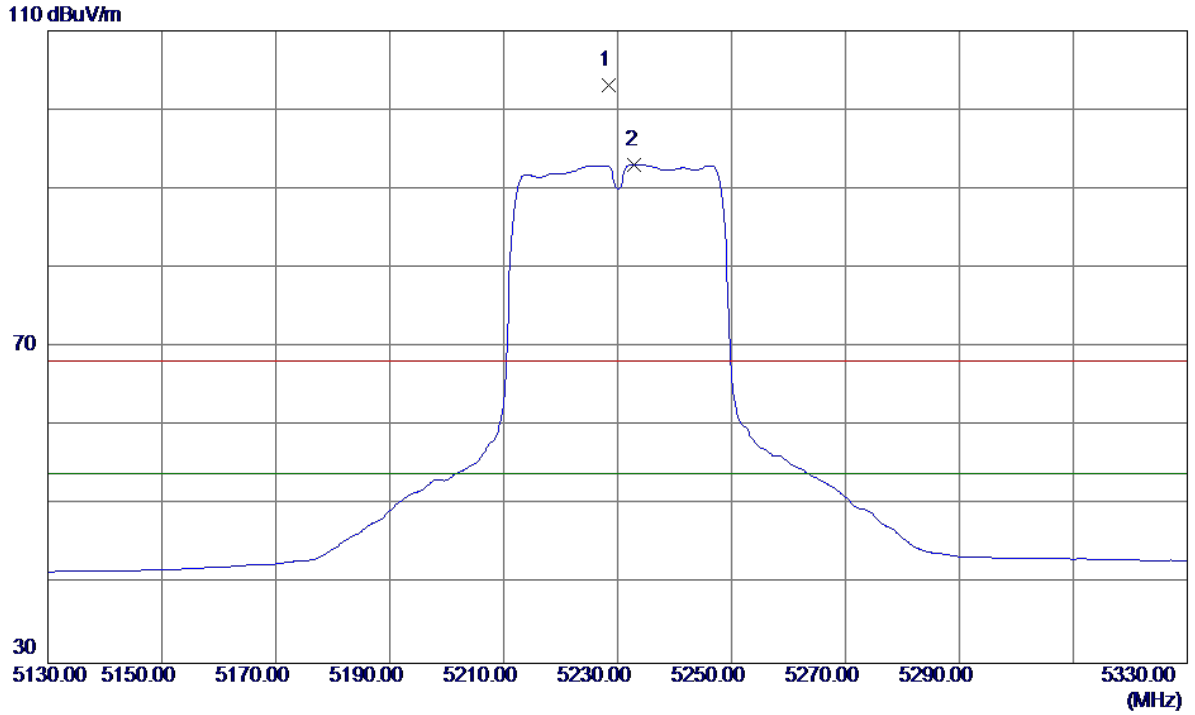
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.0000	27.73	13.83	41.56	54.00	-12.44	AVG	
2	10381.0000	42.96	13.83	56.79	68.30	-11.51	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

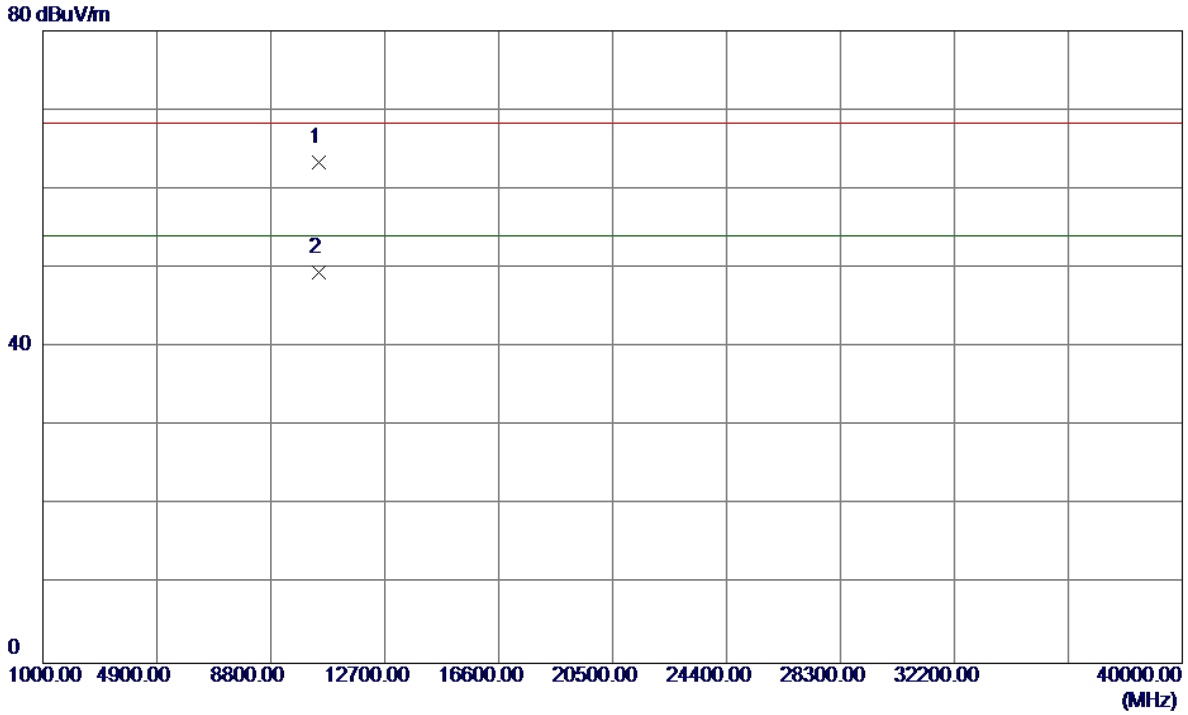
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5228.4000	61.48	41.66	103.14	68.30	34.84	Peak	No Limit
2	5233.0000	51.37	41.68	93.05	54.00	39.05	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

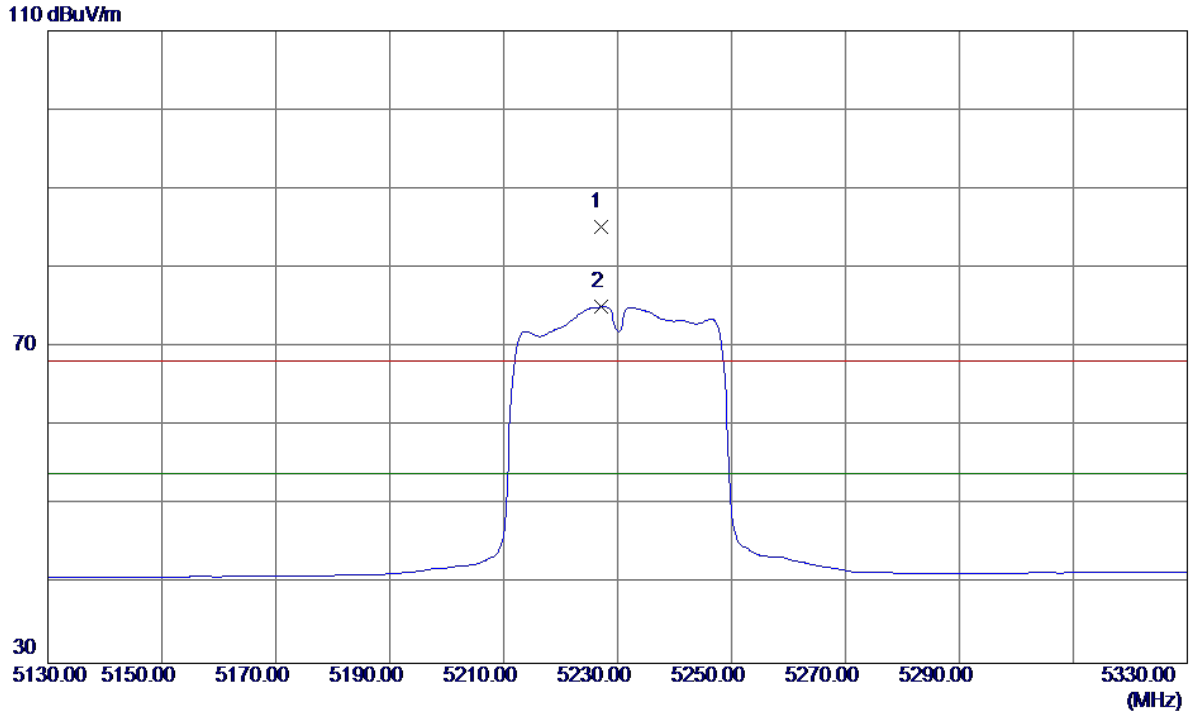
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.6000	49.64	13.72	63.36	68.30	-4.94	Peak	
2	10461.9000	35.67	13.72	49.39	54.00	-4.61	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

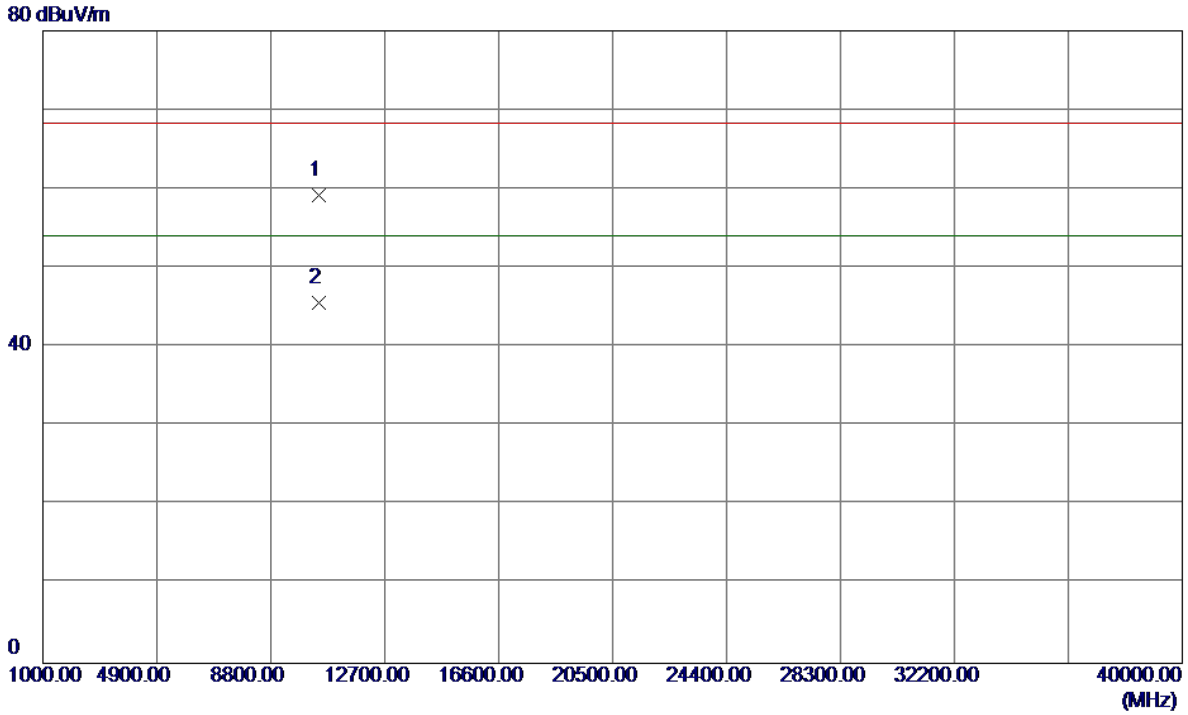
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5227.0000	43.60	41.66	85.26	68.30	16.96	Peak	No Limit
2	5227.2000	33.40	41.66	75.06	54.00	21.06	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

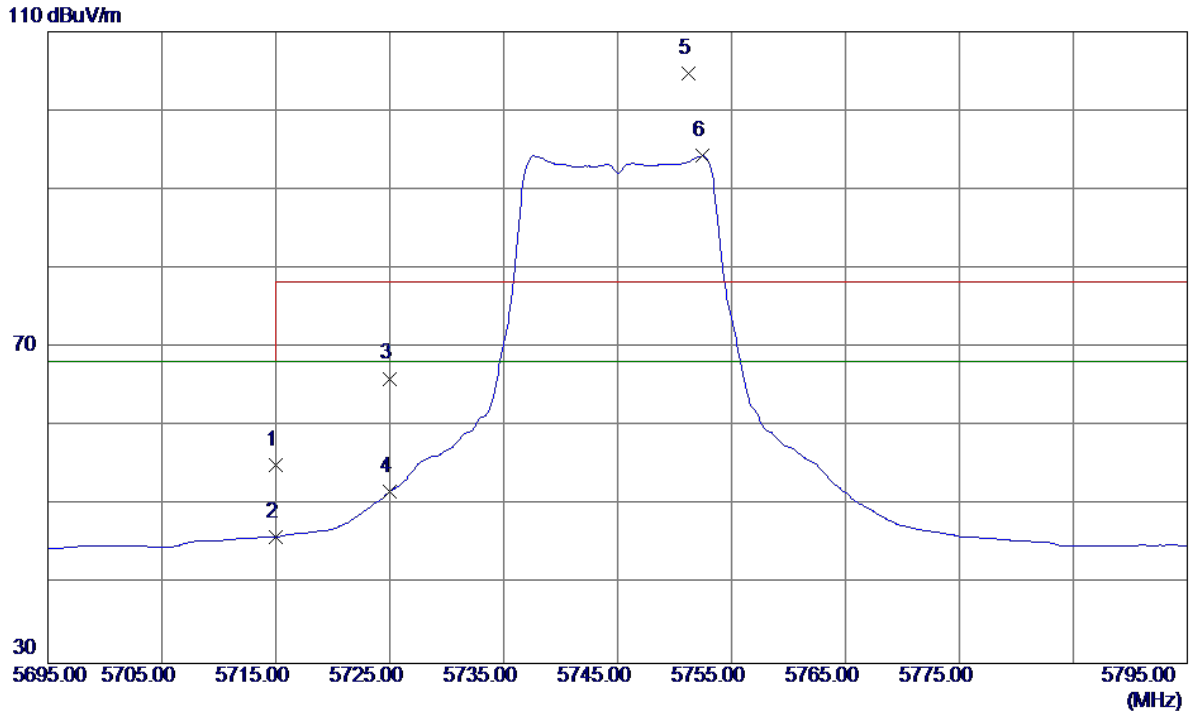
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10461.5000	45.52	13.72	59.24	68.30	-9.06	Peak	
2	10461.7000	31.91	13.72	45.63	54.00	-8.37	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

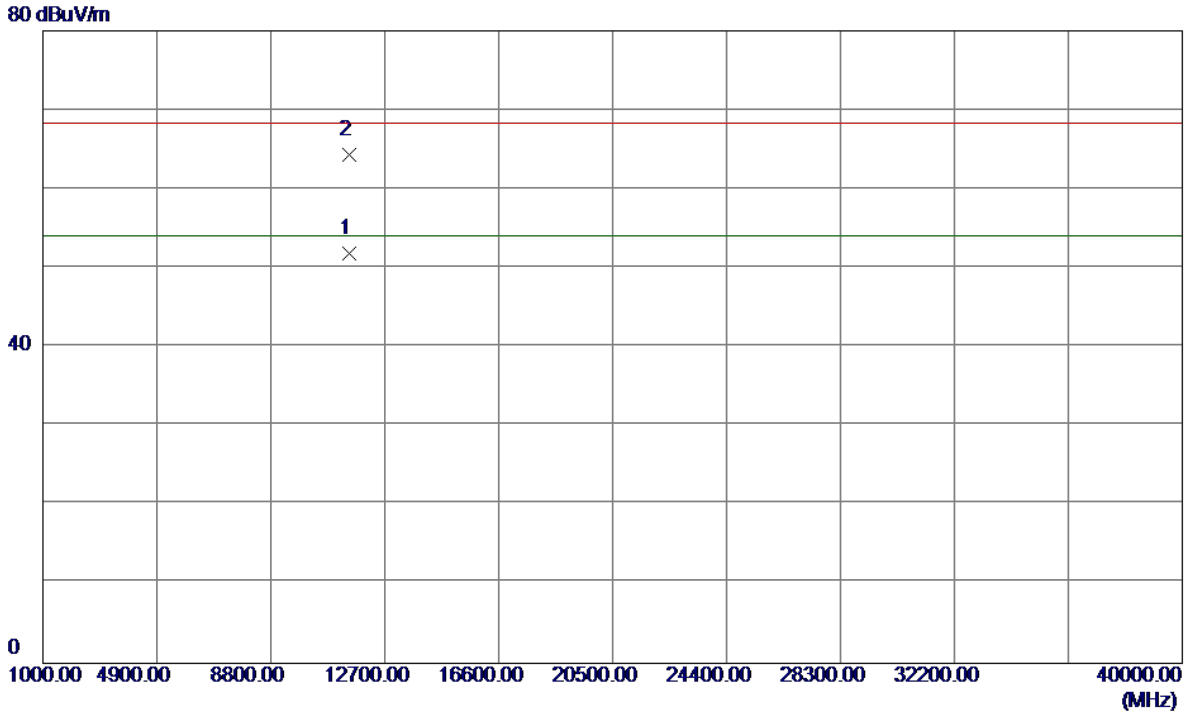
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	14.63	40.54	55.17	68.30	-13.13	Peak	
2	5715.0000	5.44	40.54	45.98	68.30	-22.32	AVG	
3	5725.0000	25.49	40.59	66.08	78.30	-12.22	Peak	
4	5725.0000	11.16	40.59	51.75	68.30	-16.55	AVG	
5	5751.2000	64.02	40.73	104.75	78.30	26.45	Peak	No Limit
6	5752.4000	53.52	40.73	94.25	68.30	25.95	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

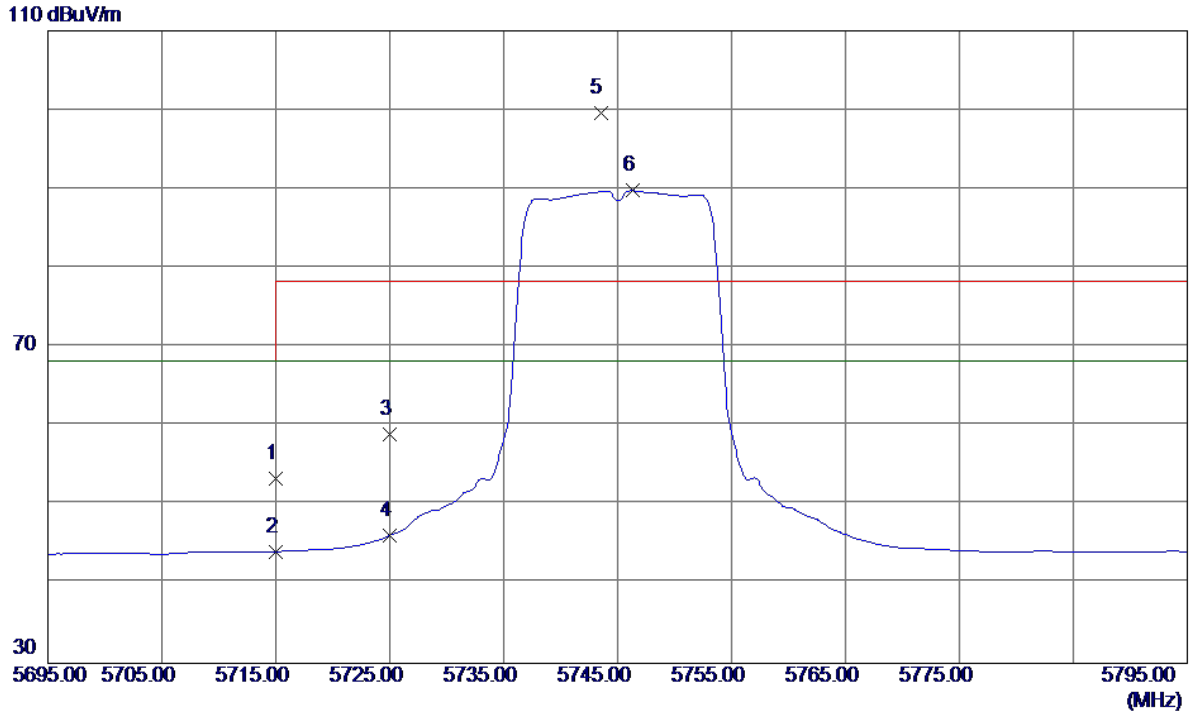
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.9000	34.99	16.91	51.90	54.00	-2.10	AVG	
2	11490.0000	47.44	16.91	64.35	68.30	-3.95	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

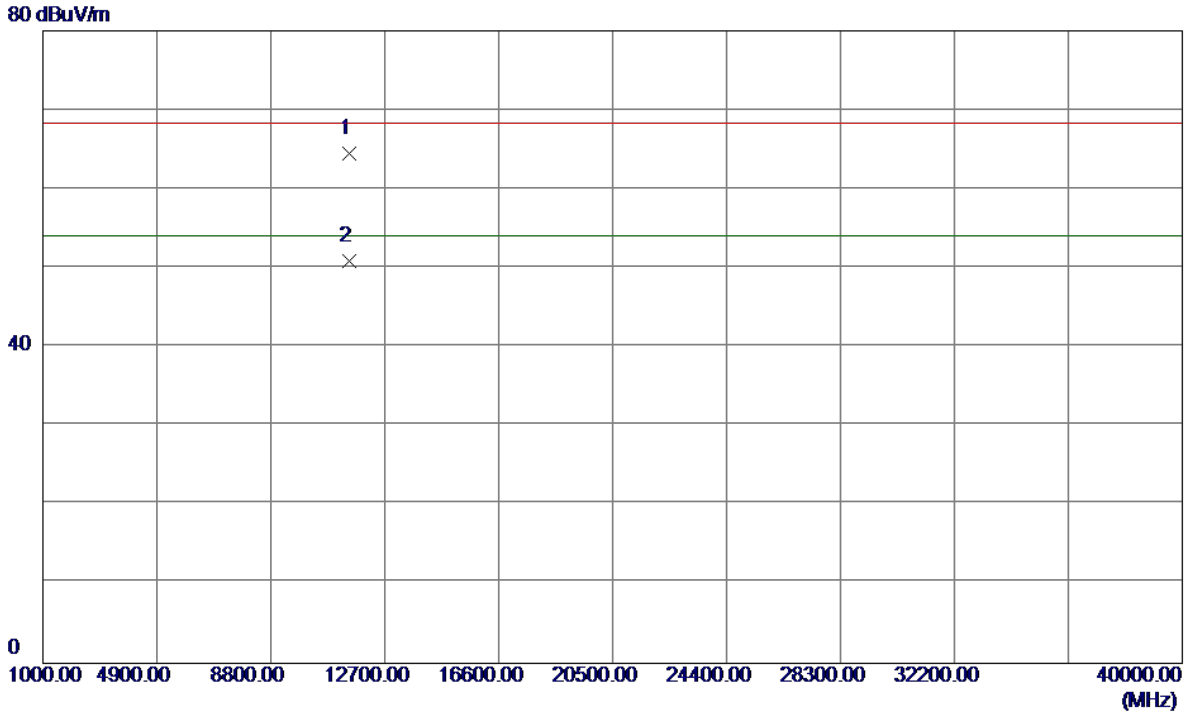
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	12.78	40.54	53.32	68.30	-14.98	Peak	
2	5715.0000	3.56	40.54	44.10	68.30	-24.20	AVG	
3	5725.0000	18.31	40.59	58.90	78.30	-19.40	Peak	
4	5725.0000	5.59	40.59	46.18	68.30	-22.12	AVG	
5	5743.5000	58.97	40.69	99.66	78.30	21.36	Peak	No Limit
6	5746.3000	49.07	40.70	89.77	68.30	21.47	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

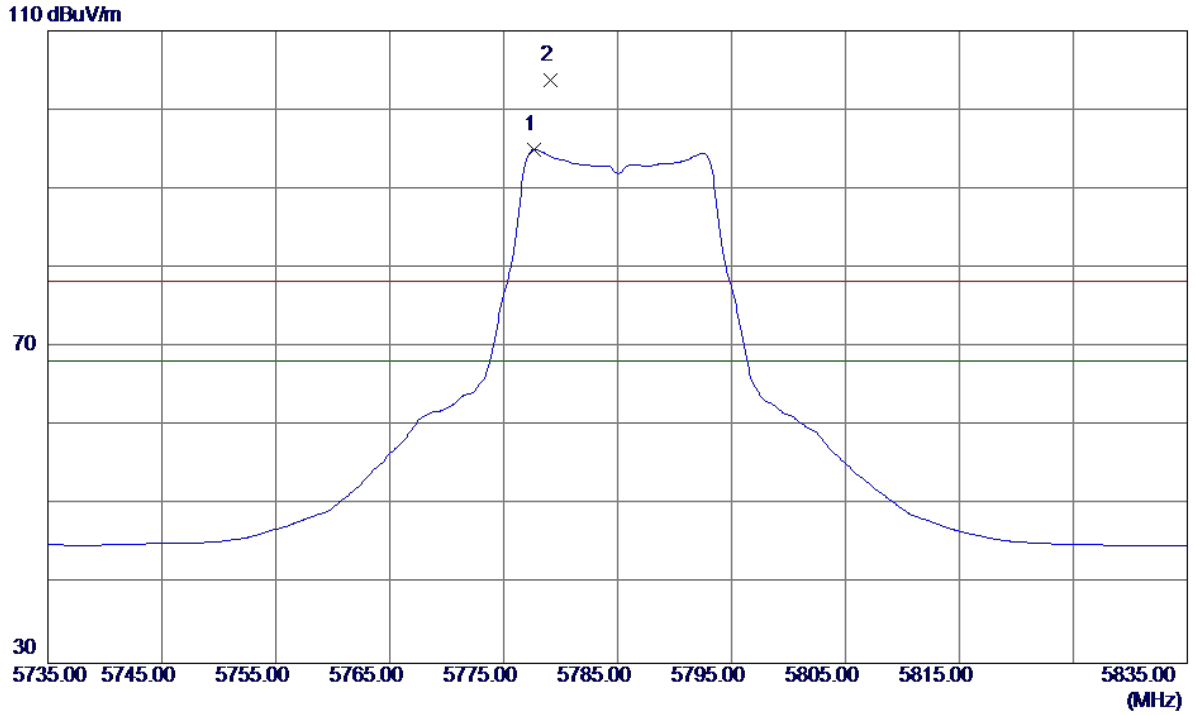
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488.5000	47.52	16.91	64.43	68.30	-3.87	Peak	
2	11490.3000	33.96	16.91	50.87	54.00	-3.13	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

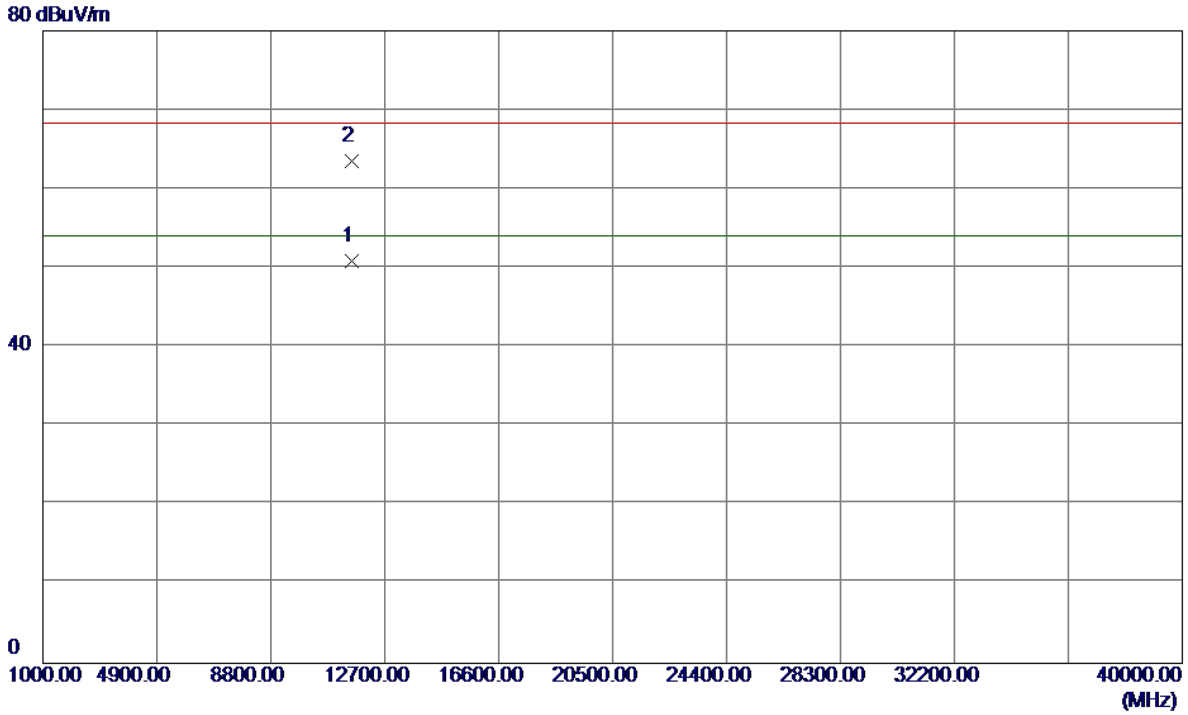
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5777.7000	54.10	40.86	94.96	68.30	26.66	AVG	No Limit
2	5779.1000	62.82	40.87	103.69	78.30	25.39	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

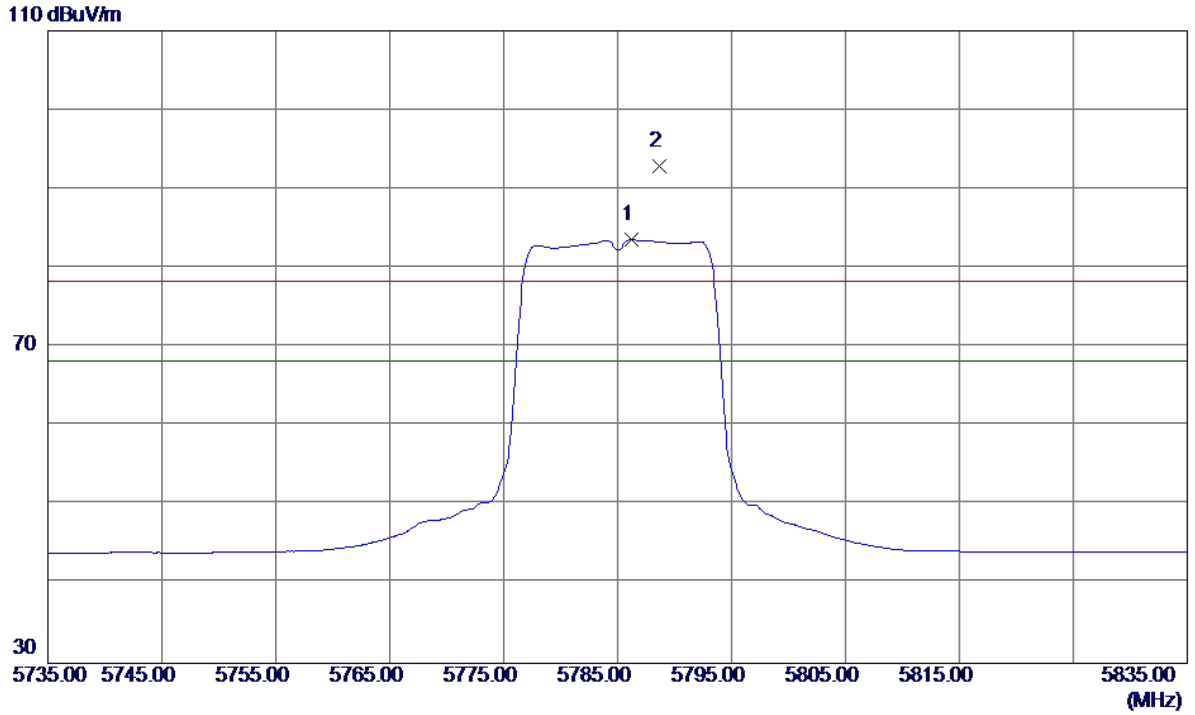
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.9000	33.90	17.05	50.95	54.00	-3.05	AVG	
2	11571.8000	46.42	17.05	63.47	68.30	-4.83	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

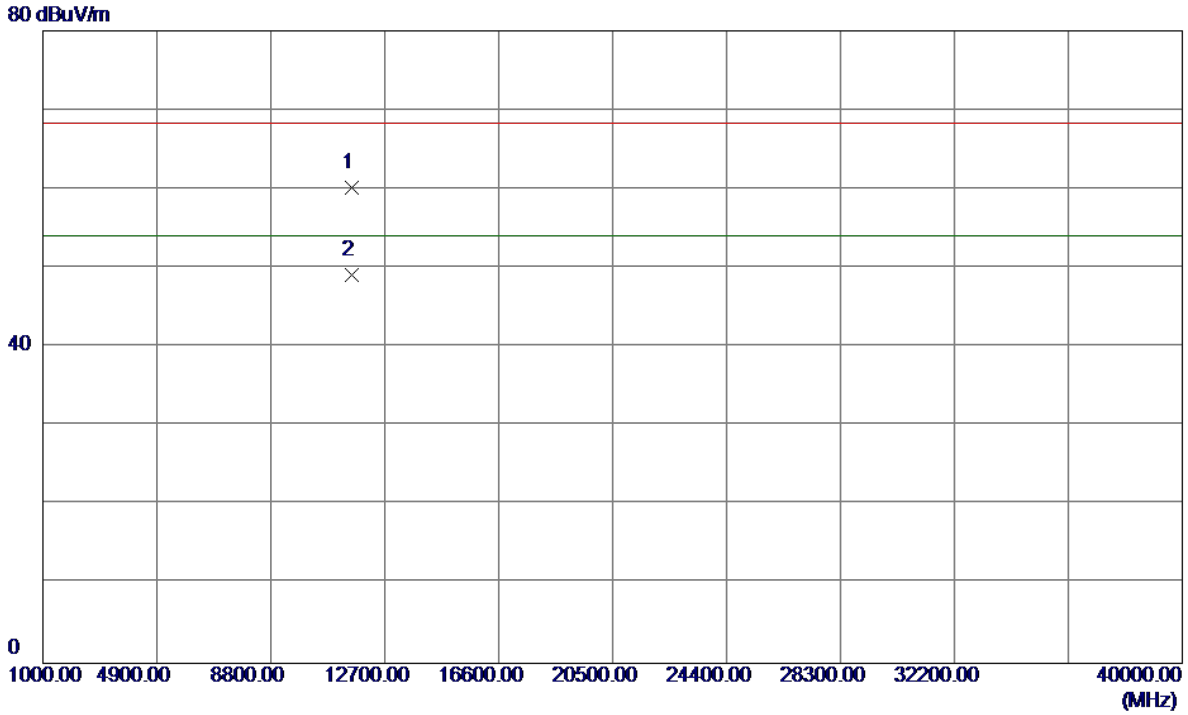
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5786.2000	42.67	40.91	83.58	68.30	15.28	AVG	No Limit
2	5788.7000	52.02	40.92	92.94	78.30	14.64	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

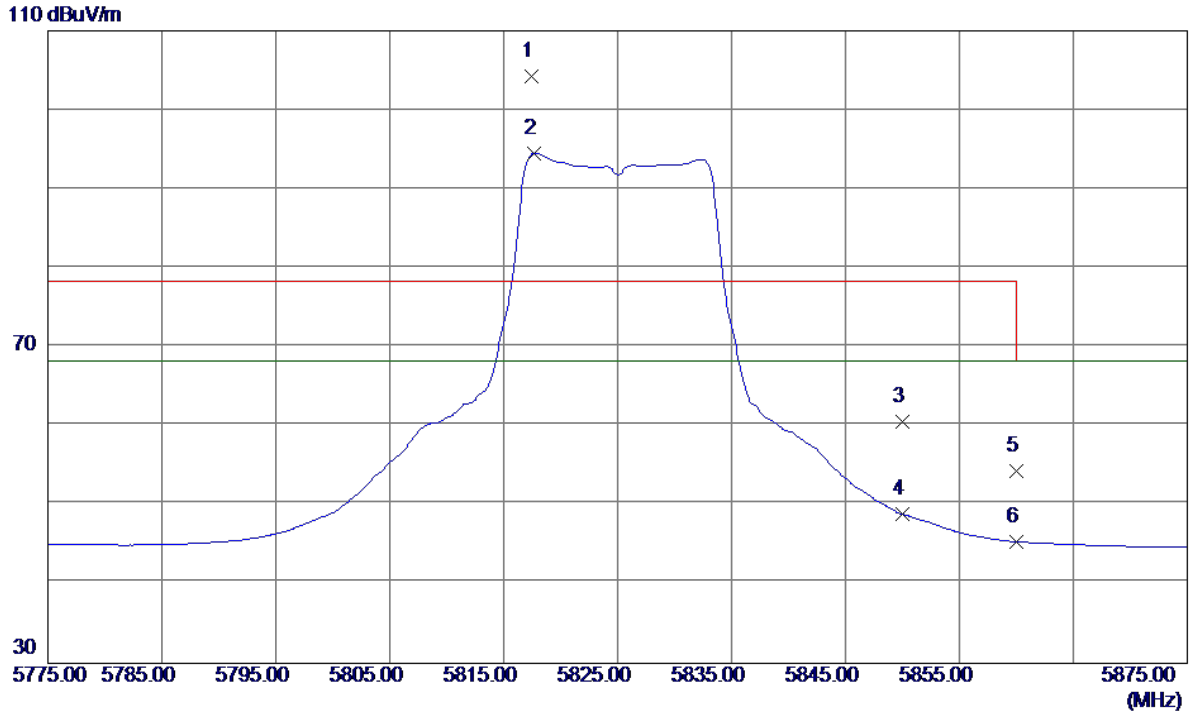
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.2000	43.07	17.04	60.11	68.30	-8.19	Peak	
2	11569.9000	32.01	17.05	49.06	54.00	-4.94	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

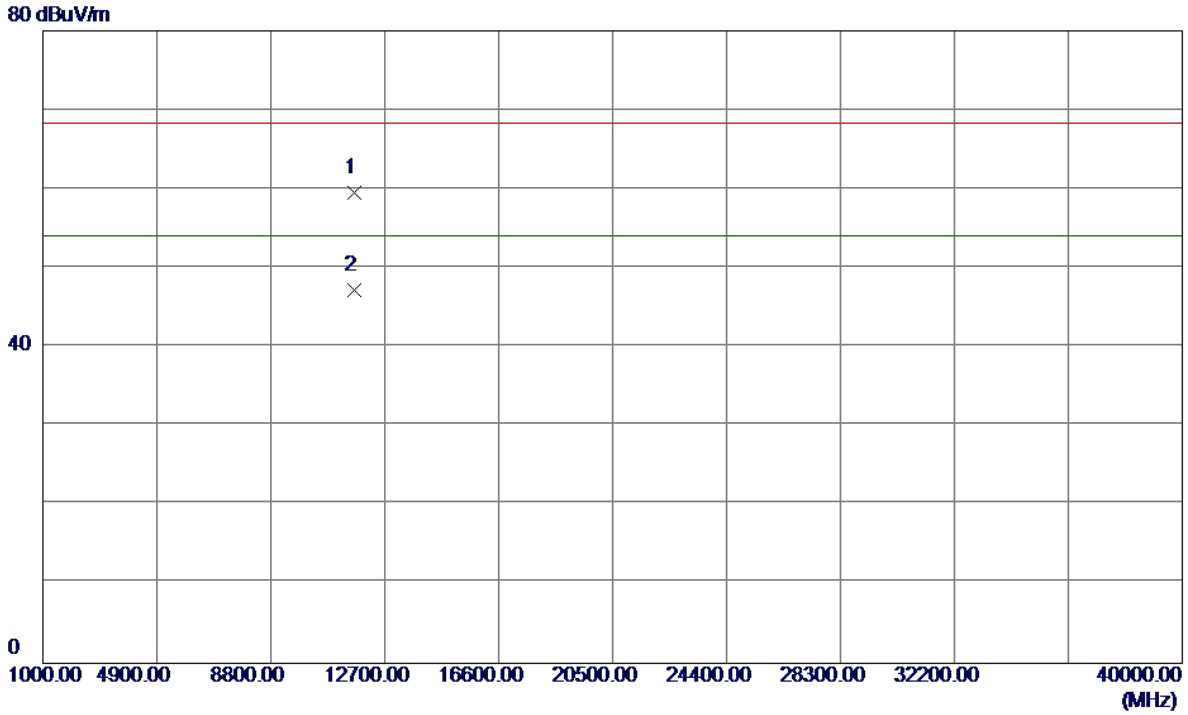
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5817.4000	63.19	41.06	104.25	78.30	25.95	Peak	No Limit
2	5817.7000	53.46	41.07	94.53	68.30	26.23	AVG	No Limit
3	5850.0000	19.38	41.23	60.61	78.30	-17.69	Peak	
4	5850.0000	7.62	41.23	48.85	68.30	-19.45	AVG	
5	5860.0000	13.01	41.28	54.29	78.30	-24.01	Peak	
6	5860.0000	4.09	41.28	45.37	68.30	-22.93	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

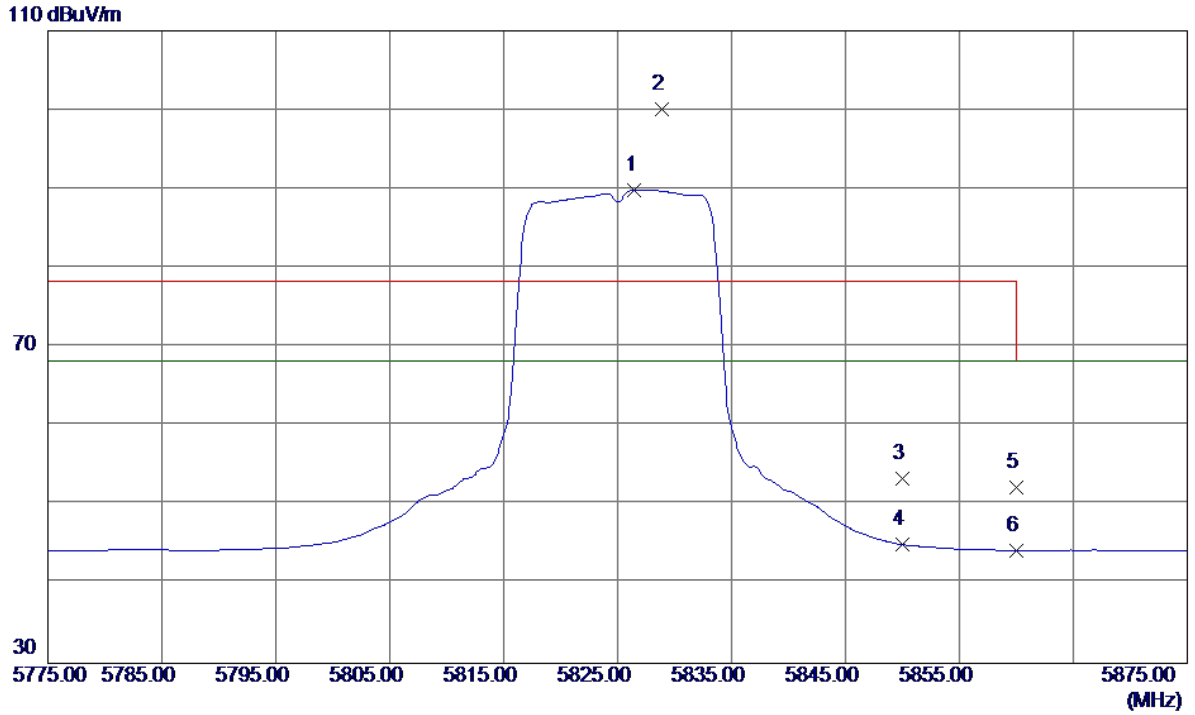
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.0000	42.30	17.17	59.47	68.30	-8.83	Peak	
2	11650.1000	30.02	17.17	47.19	54.00	-6.81	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

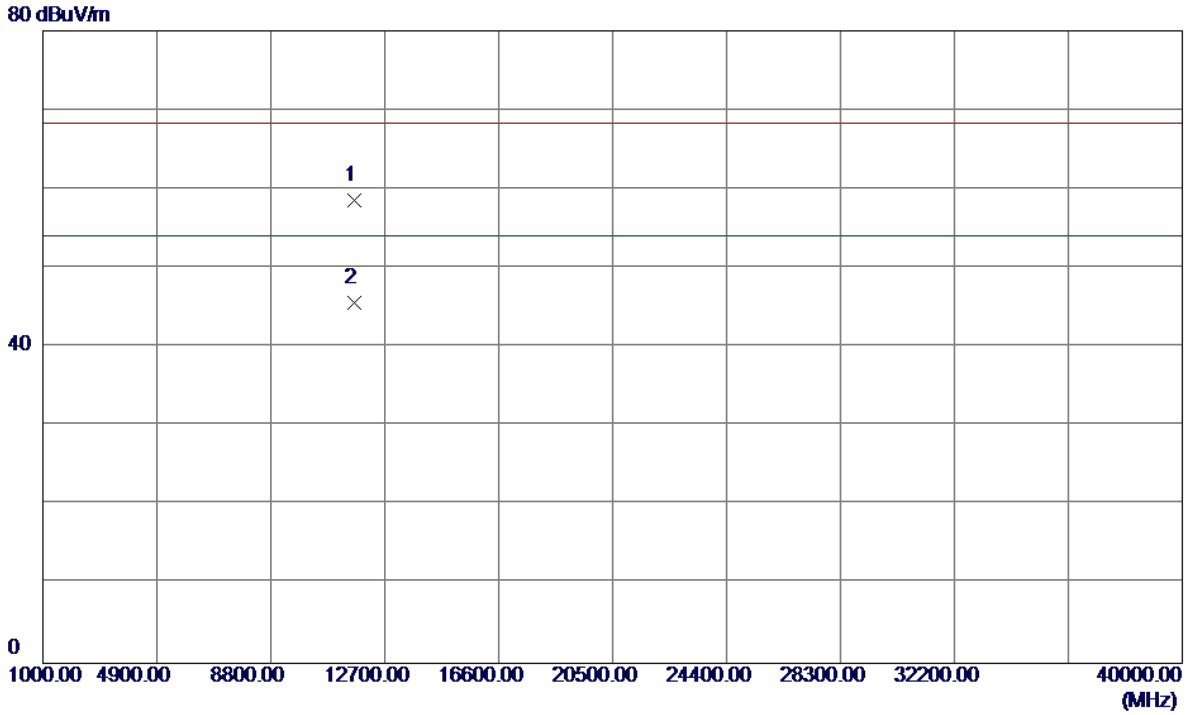
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5826.5000	48.73	41.11	89.84	68.30	21.54	AVG	No Limit
2	5828.9000	58.89	41.12	100.01	78.30	21.71	Peak	No Limit
3	5850.0000	12.09	41.23	53.32	78.30	-24.98	Peak	
4	5850.0000	3.78	41.23	45.01	68.30	-23.29	AVG	
5	5860.0000	10.93	41.28	52.21	78.30	-26.09	Peak	
6	5860.0000	2.95	41.28	44.23	68.30	-24.07	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

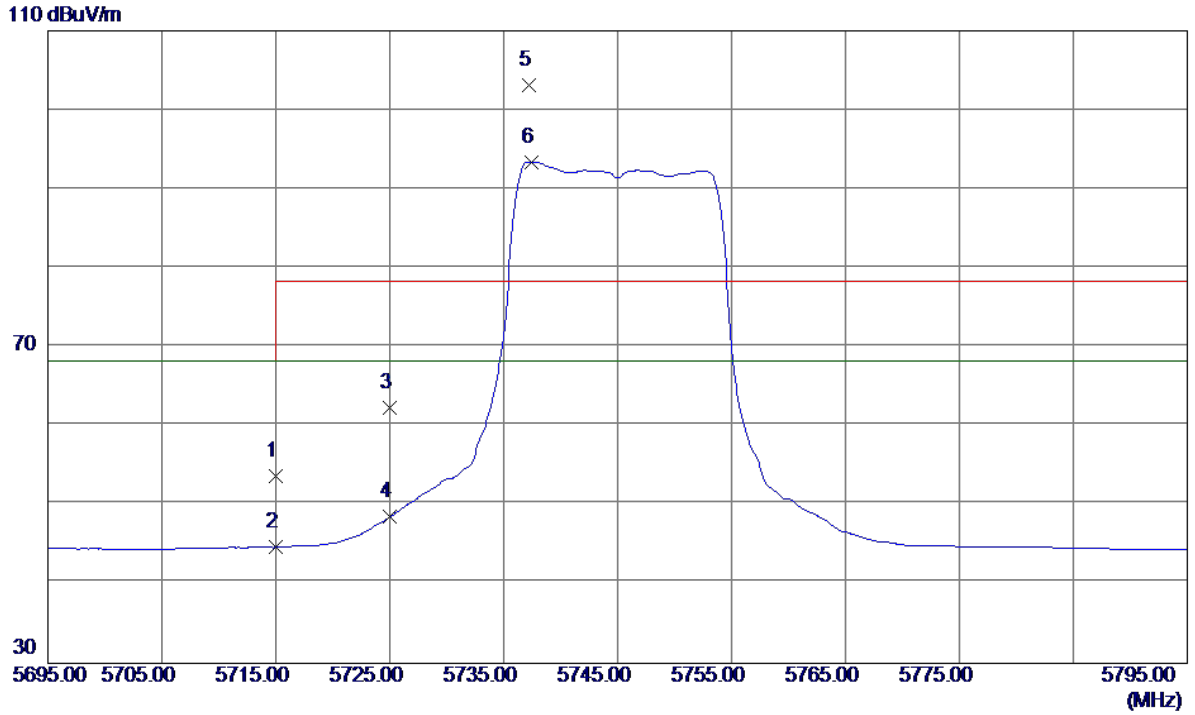
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.2000	41.46	17.17	58.63	68.30	-9.67	Peak	
2	11650.1000	28.47	17.17	45.64	54.00	-8.36	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

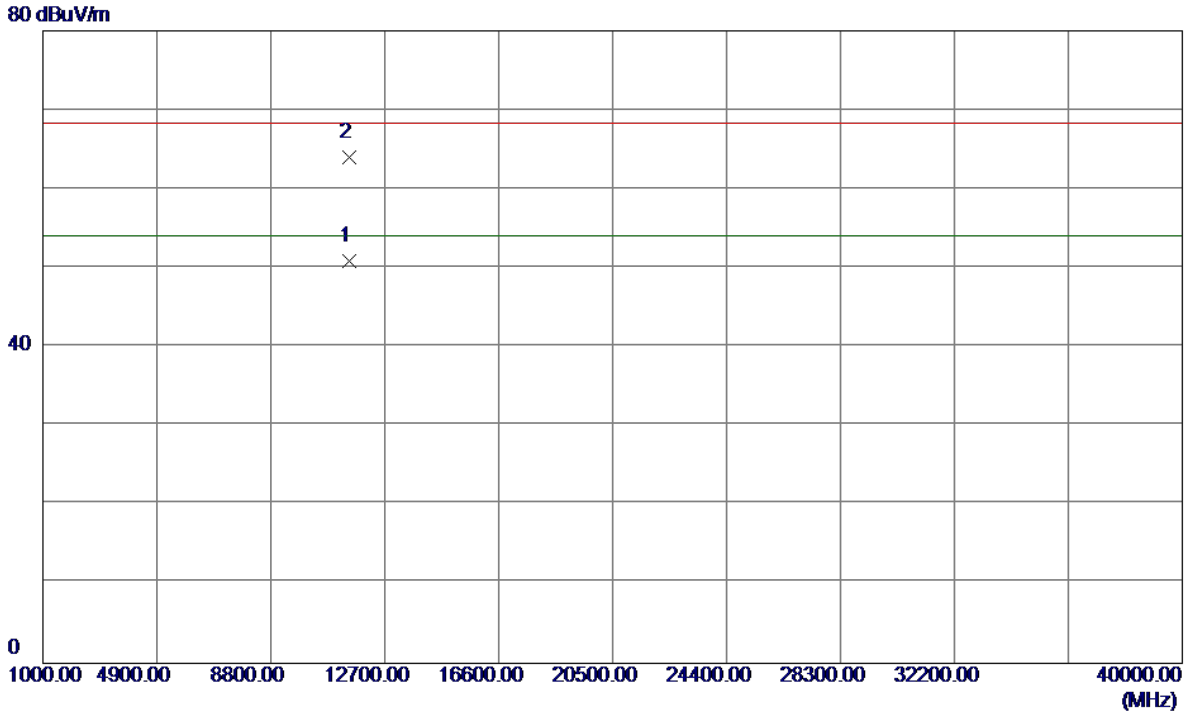
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.18	40.54	53.72	68.30	-14.58	Peak	
2	5715.0000	4.12	40.54	44.66	68.30	-23.64	AVG	
3	5725.0000	21.77	40.59	62.36	78.30	-15.94	Peak	
4	5725.0000	7.90	40.59	48.49	68.30	-19.81	AVG	
5	5737.2000	62.53	40.65	103.18	78.30	24.88	Peak	No Limit
6	5737.4000	52.77	40.66	93.43	68.30	25.13	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

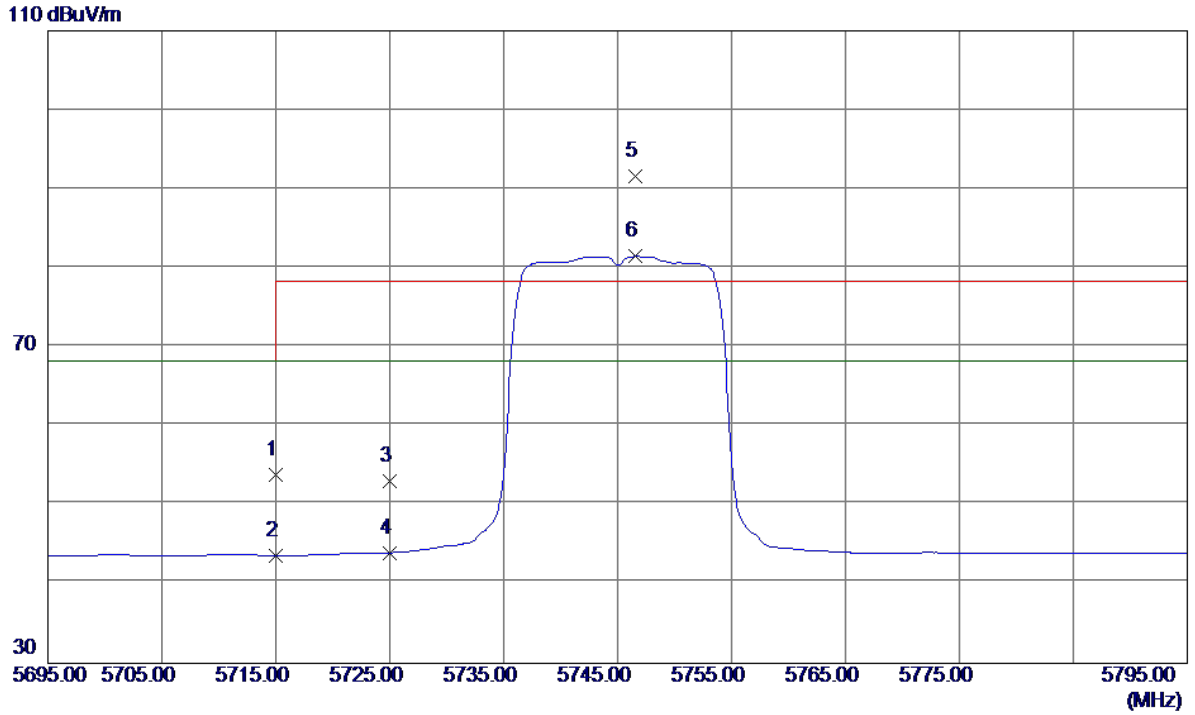
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488.5000	33.94	16.91	50.85	54.00	-3.15	AVG	
2	11491.6000	47.14	16.92	64.06	68.30	-4.24	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

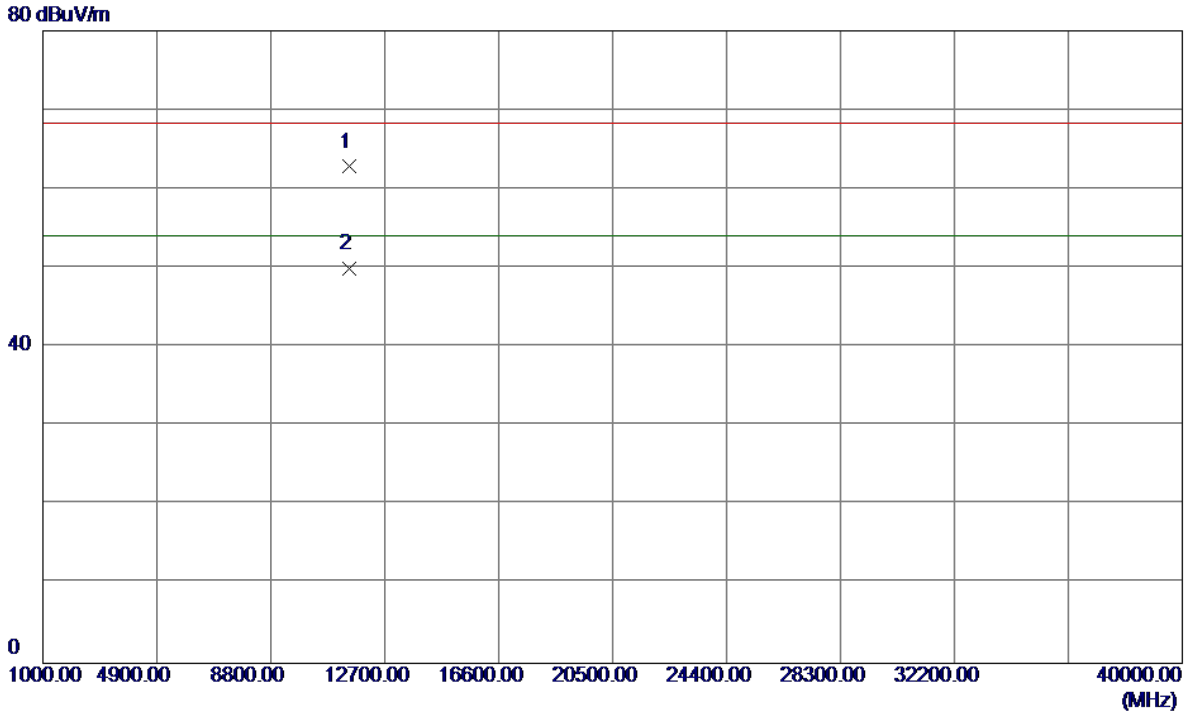
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.24	40.54	53.78	68.30	-14.52	Peak	
2	5715.0000	3.12	40.54	43.66	68.30	-24.64	AVG	
3	5725.0000	12.38	40.59	52.97	78.30	-25.33	Peak	
4	5725.0000	3.38	40.59	43.97	68.30	-24.33	AVG	
5	5746.6000	50.93	40.70	91.63	78.30	13.33	Peak	No Limit
6	5746.6000	40.78	40.70	81.48	68.30	13.18	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

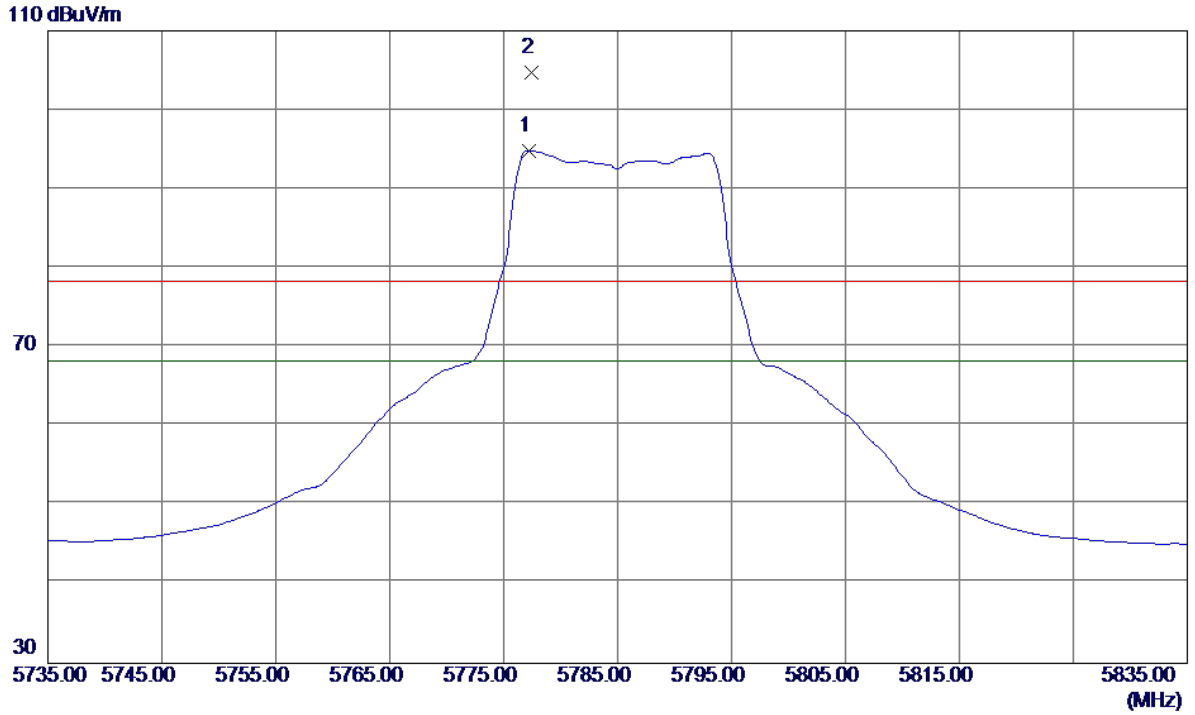
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488.1000	45.89	16.91	62.80	68.30	-5.50	Peak	
2	11490.5000	33.06	16.91	49.97	54.00	-4.03	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

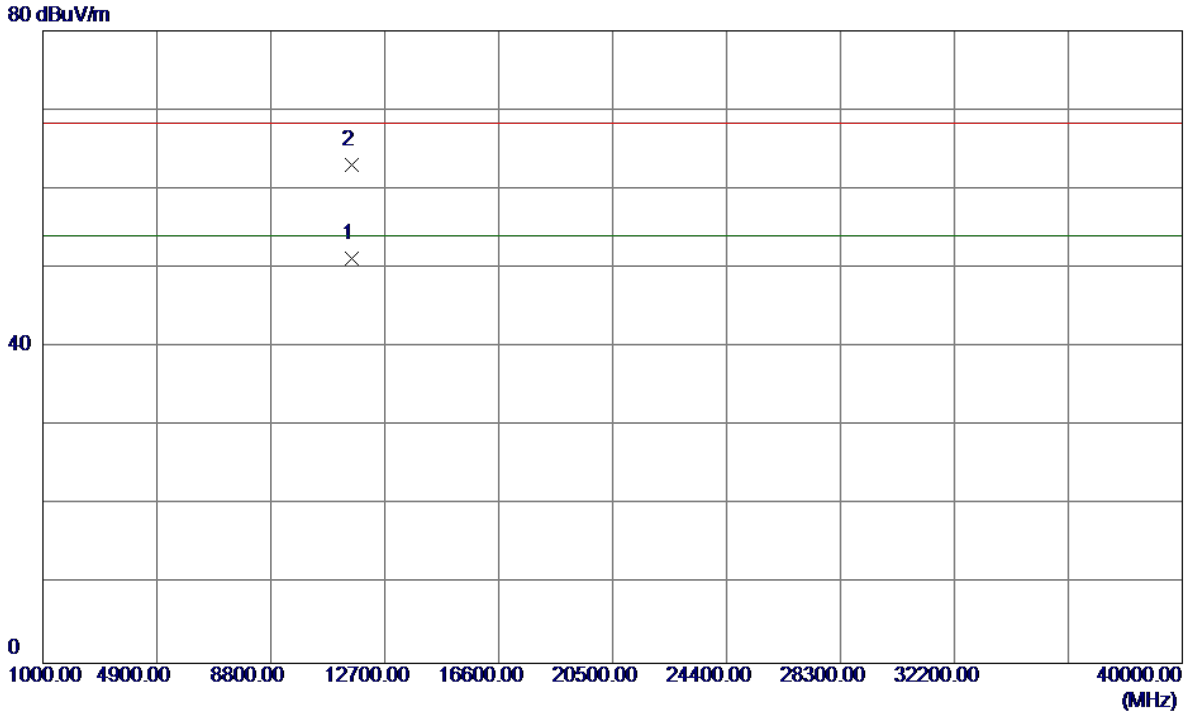
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5777.2000	54.00	40.86	94.86	68.30	26.56	AVG	No Limit
2	5777.4000	63.83	40.86	104.69	78.30	26.39	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

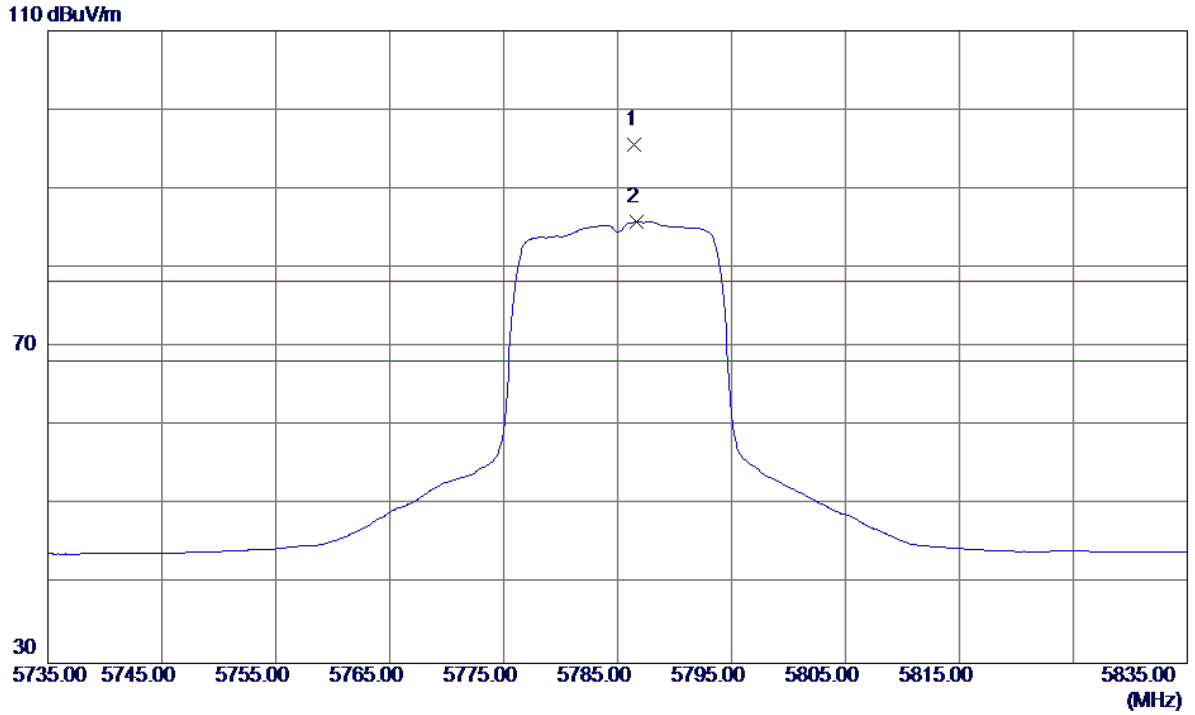
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.3000	34.16	17.04	51.20	54.00	-2.80	AVG	
2	11570.7000	46.03	17.05	63.08	68.30	-5.22	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

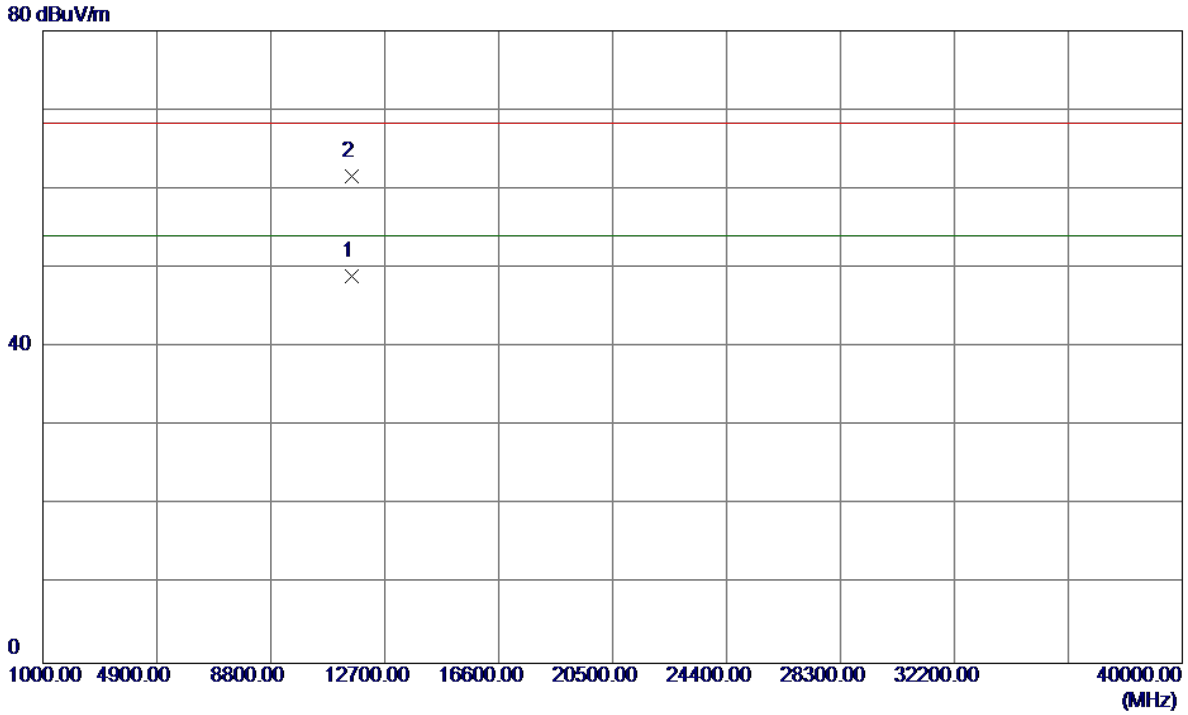
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5786.5000	54.69	40.91	95.60	78.30	17.30	Peak	No Limit
2	5786.7000	44.92	40.91	85.83	68.30	17.53	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

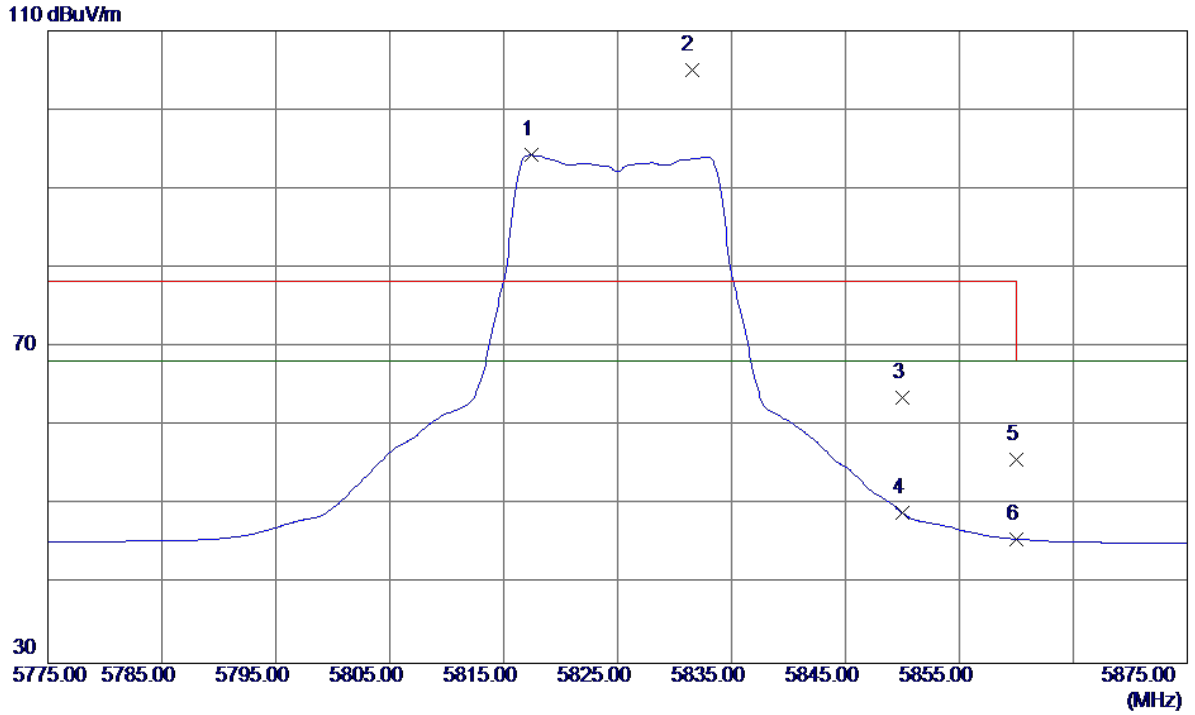
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.4000	31.93	17.05	48.98	54.00	-5.02	AVG	
2	11570.7000	44.51	17.05	61.56	68.30	-6.74	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

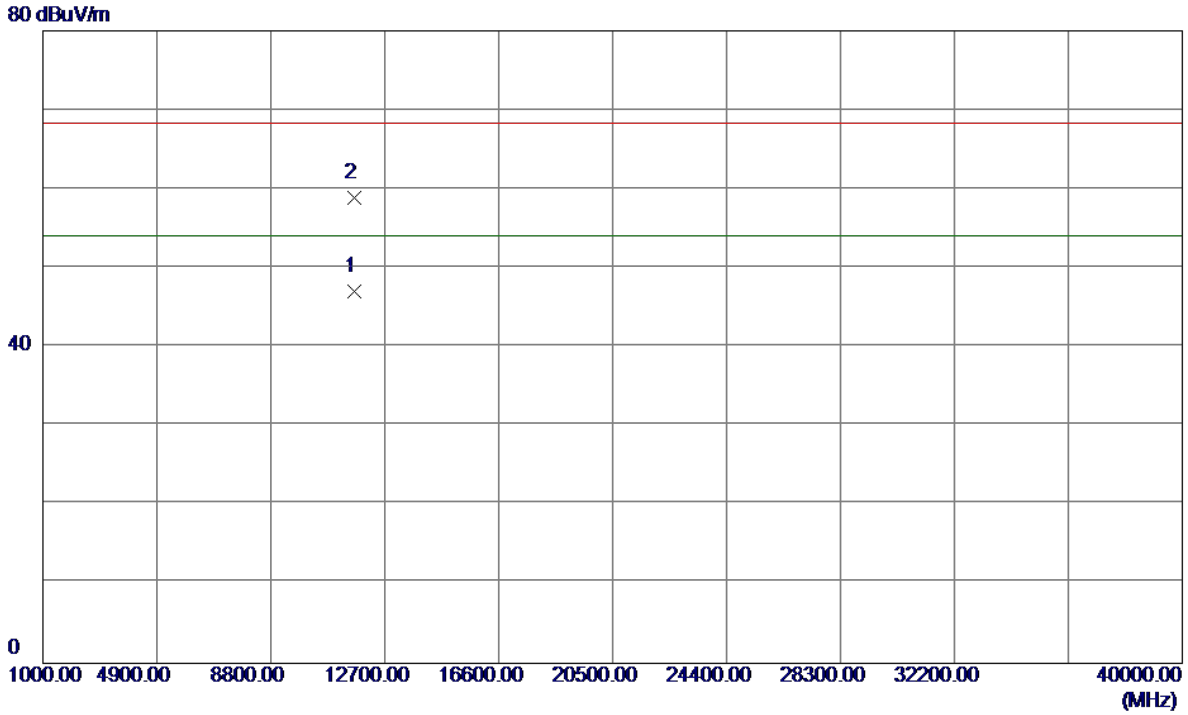
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5817.4000	53.21	41.06	94.27	68.30	25.97	AVG	No Limit
2	5831.5000	63.85	41.14	104.99	78.30	26.69	Peak	No Limit
3	5850.0000	22.42	41.23	63.65	78.30	-14.65	Peak	
4	5850.0000	7.77	41.23	49.00	68.30	-19.30	AVG	
5	5860.0000	14.44	41.28	55.72	78.30	-22.58	Peak	
6	5860.0000	4.45	41.28	45.73	68.30	-22.57	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

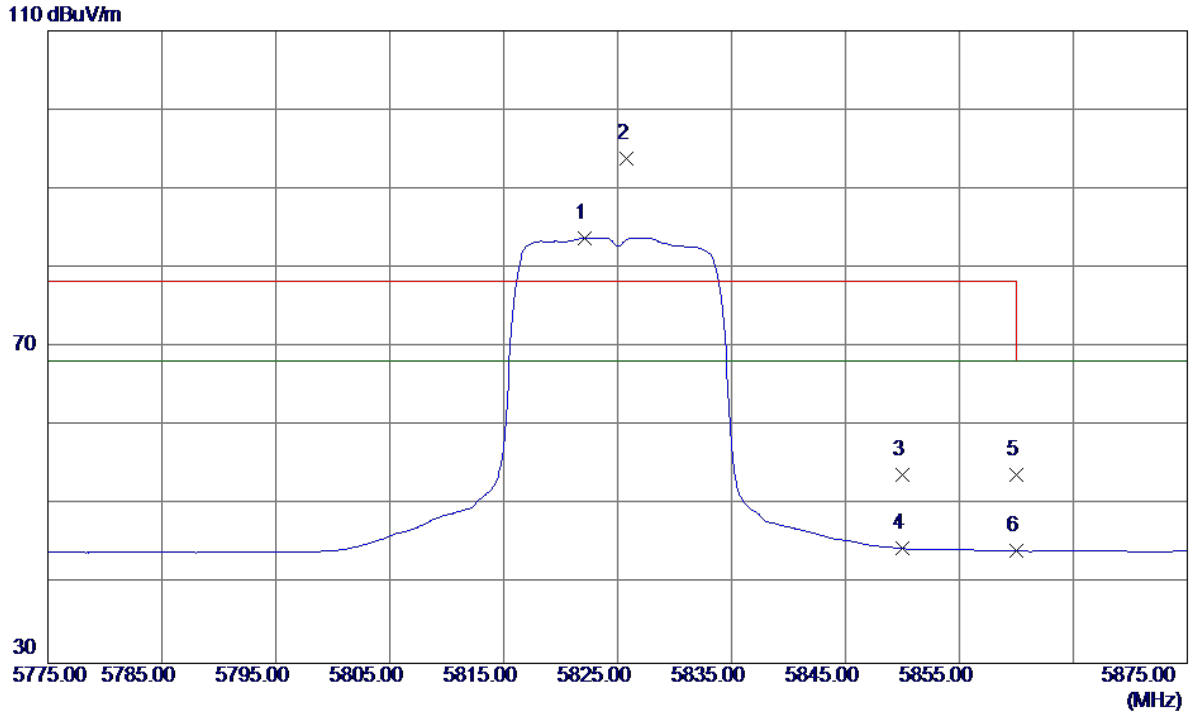
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.5000	29.89	17.17	47.06	54.00	-6.94	AVG	
2	11650.9000	41.77	17.17	58.94	68.30	-9.36	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

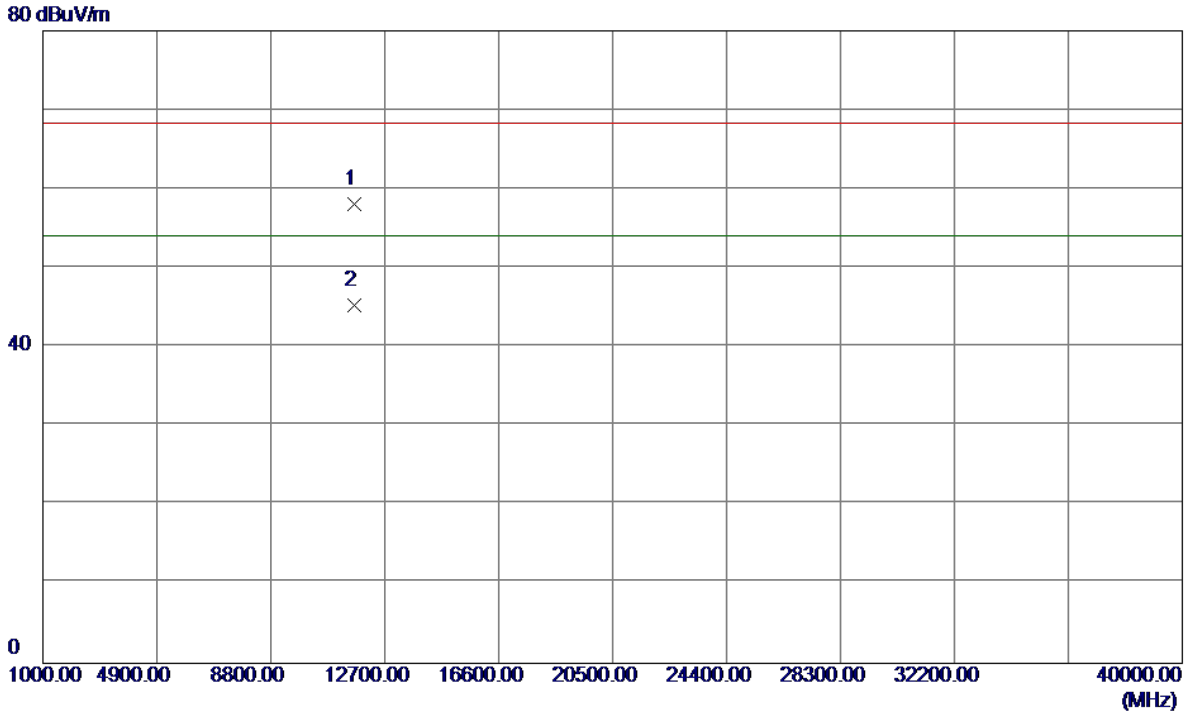
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5822.1000	42.73	41.09	83.82	68.30	15.52	AVG	No Limit
2	5825.8000	52.72	41.11	93.83	78.30	15.53	Peak	No Limit
3	5850.0000	12.58	41.23	53.81	78.30	-24.49	Peak	
4	5850.0000	3.27	41.23	44.50	68.30	-23.80	AVG	
5	5860.0000	12.58	41.28	53.86	78.30	-24.44	Peak	
6	5860.0000	2.91	41.28	44.19	68.30	-24.11	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

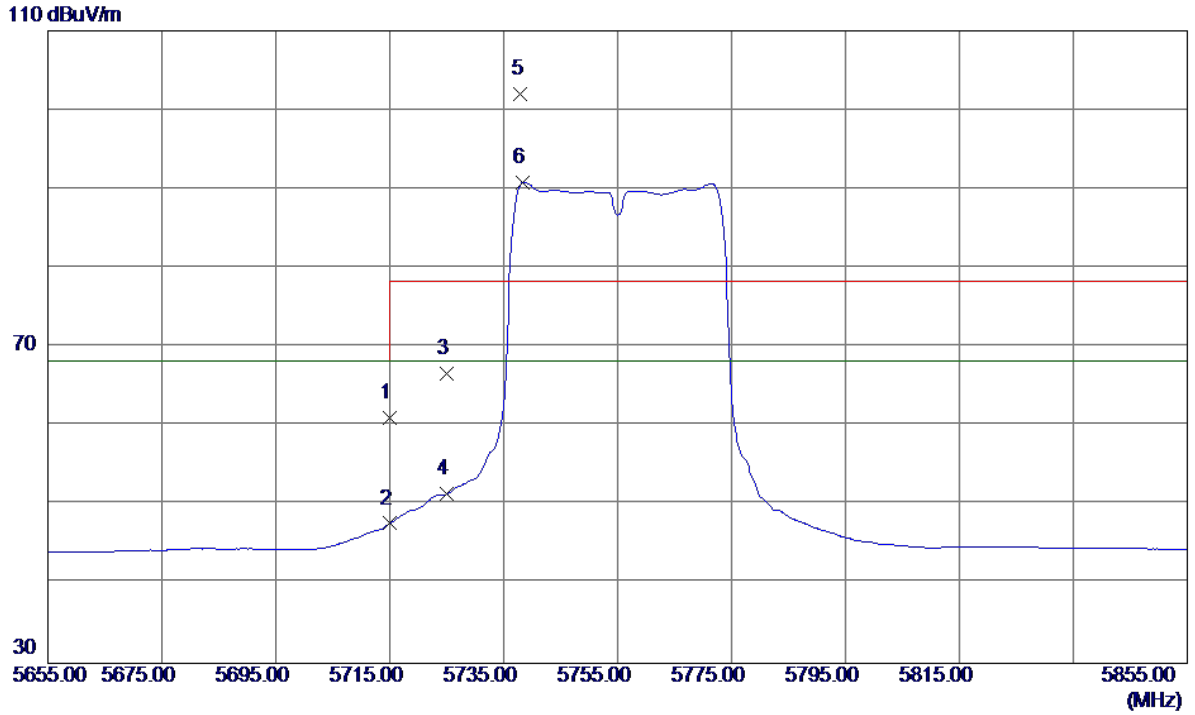
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.0000	40.96	17.17	58.13	68.30	-10.17	Peak	
2	11650.3000	28.07	17.17	45.24	54.00	-8.76	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

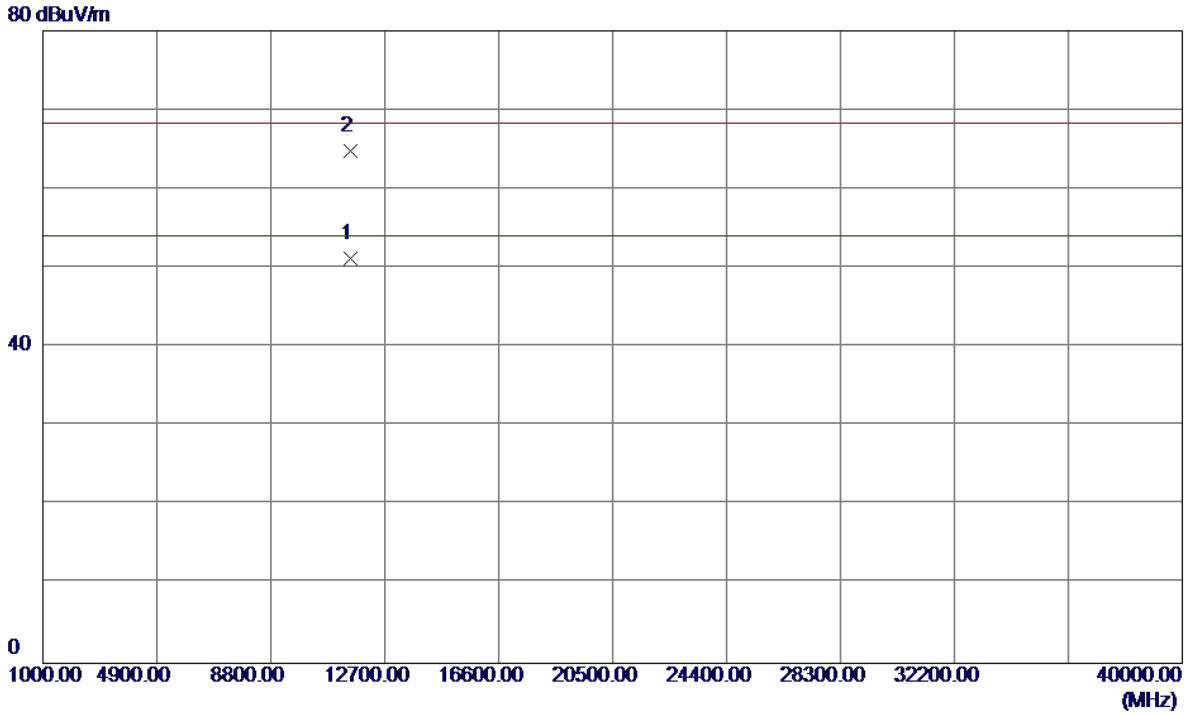
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.55	40.54	61.09	68.30	-7.21	Peak	
2	5715.0000	7.14	40.54	47.68	68.30	-20.62	AVG	
3	5725.0000	25.98	40.59	66.57	78.30	-11.73	Peak	
4	5725.0000	10.78	40.59	51.37	68.30	-16.93	AVG	
5	5738.0000	61.31	40.66	101.97	78.30	23.67	Peak	No Limit
6	5738.4000	50.16	40.66	90.82	68.30	22.52	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

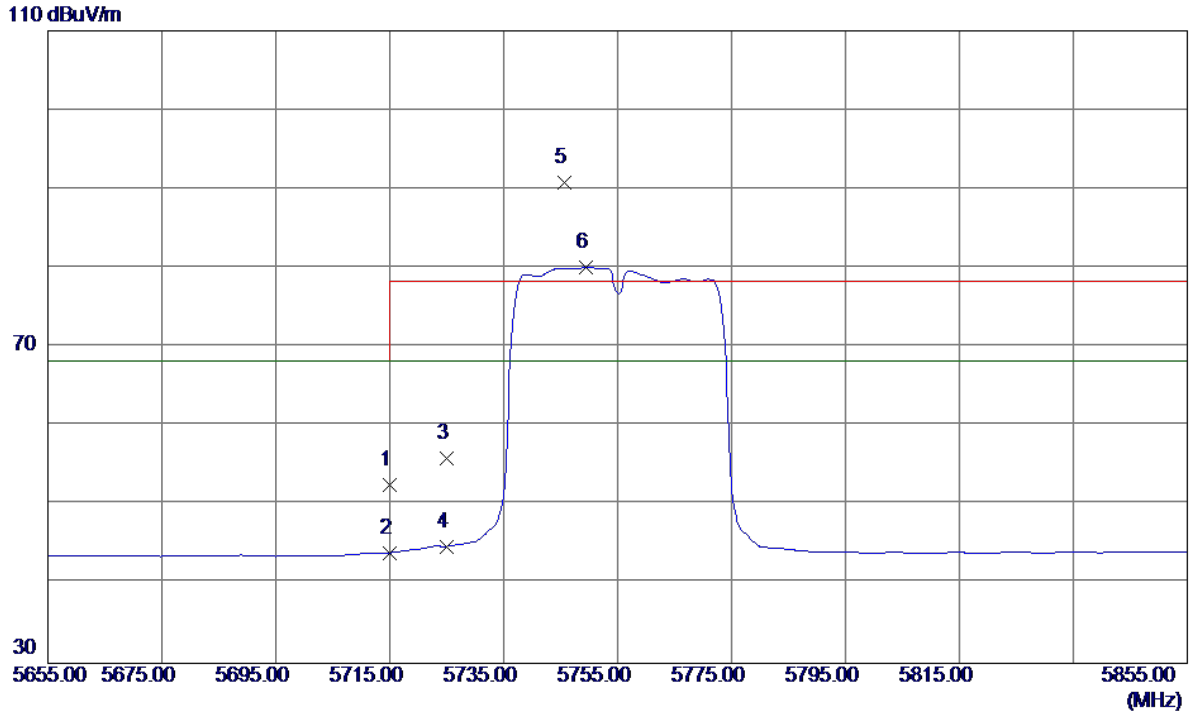
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.5000	34.22	16.95	51.17	54.00	-2.83	AVG	
2	11510.7000	47.83	16.95	64.78	68.30	-3.52	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

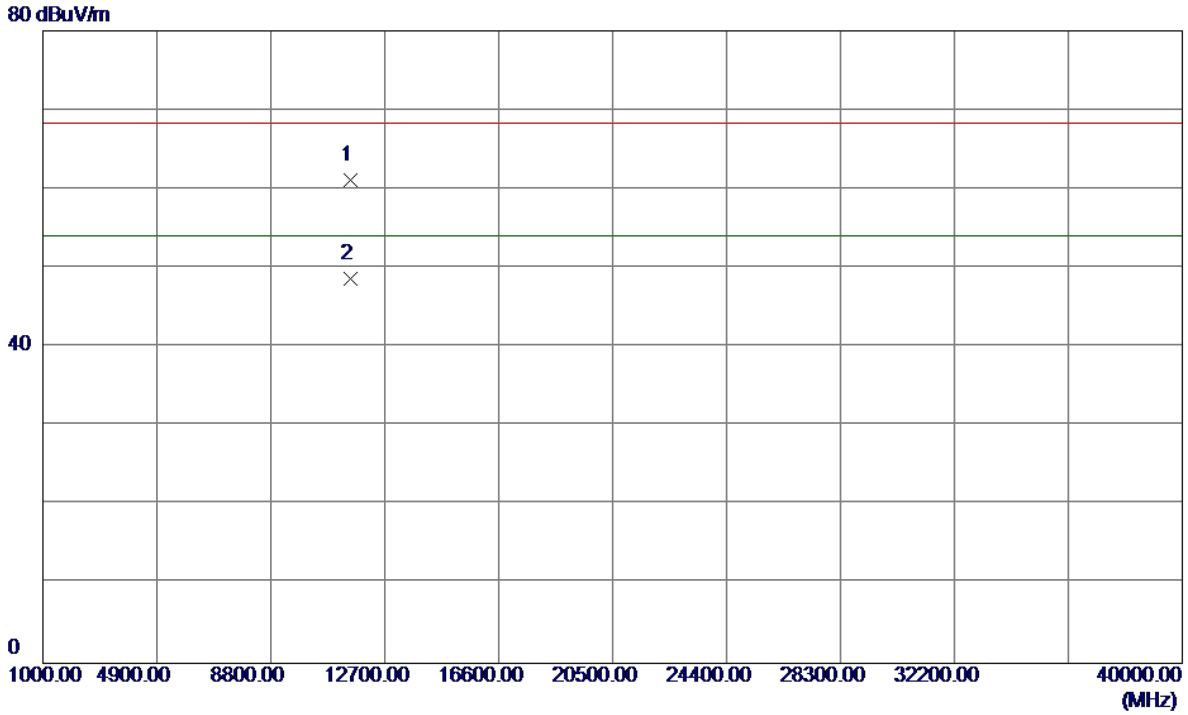
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	12.00	40.54	52.54	68.30	-15.76	Peak	
2	5715.0000	3.43	40.54	43.97	68.30	-24.33	AVG	
3	5725.0000	15.32	40.59	55.91	78.30	-22.39	Peak	
4	5725.0000	4.20	40.59	44.79	68.30	-23.51	AVG	
5	5745.6000	50.13	40.70	90.83	78.30	12.53	Peak	No Limit
6	5749.4000	39.35	40.72	80.07	68.30	11.77	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

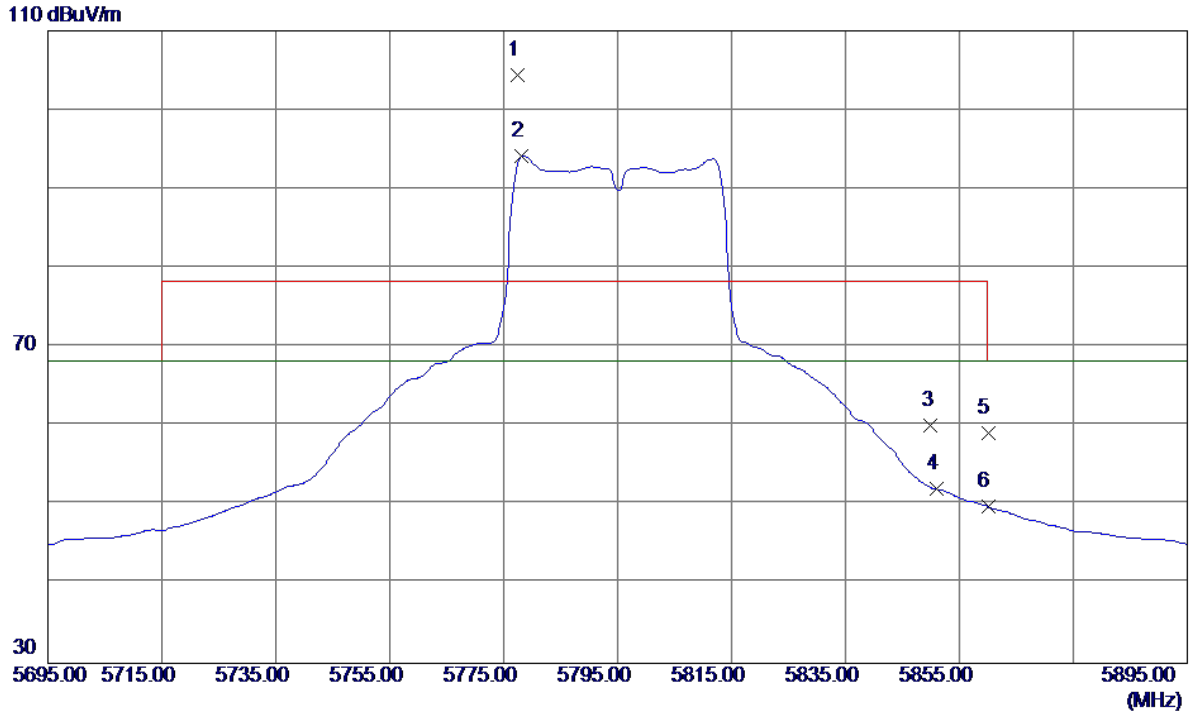
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11508.9000	44.21	16.95	61.16	68.30	-7.14	Peak	
2	11510.7000	31.72	16.95	48.67	54.00	-5.33	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

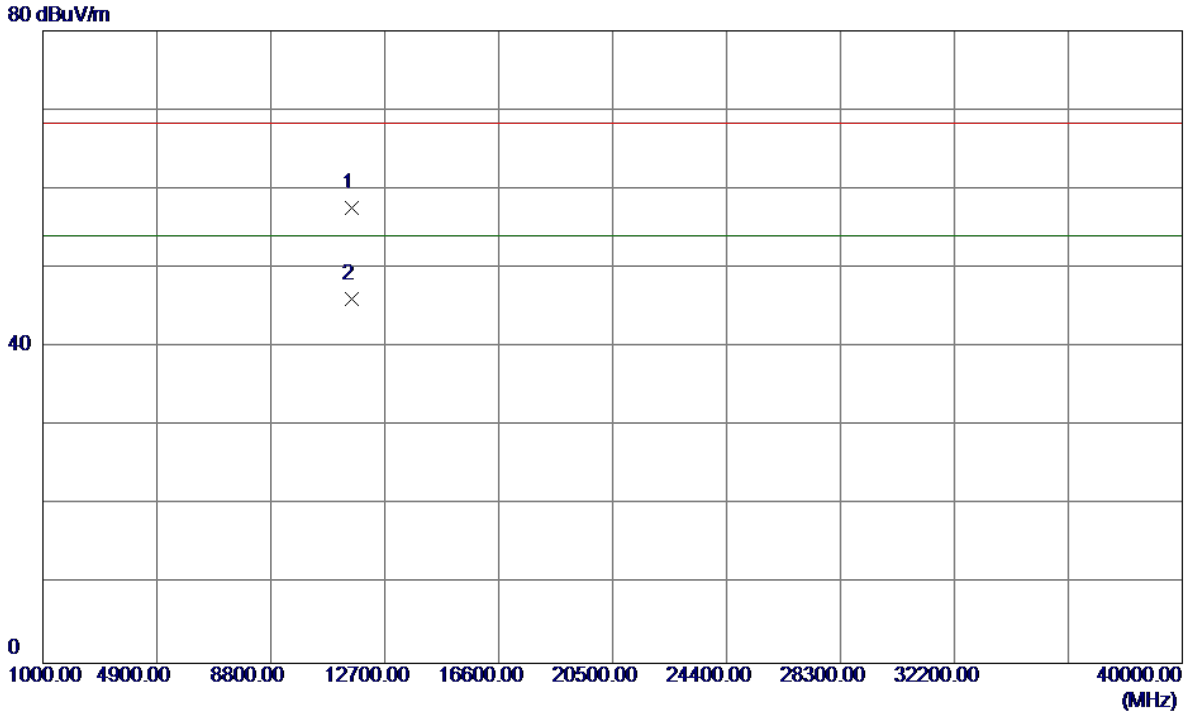
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5777.4000	63.54	40.86	104.40	78.30	26.10	Peak	No Limit
2	5778.2000	53.34	40.86	94.20	68.30	25.90	AVG	No Limit
3	5850.0000	18.78	41.23	60.01	78.30	-18.29	Peak	
4	5851.0000	10.78	41.24	52.02	68.30	-16.28	AVG	
5	5860.0000	17.84	41.28	59.12	78.30	-19.18	Peak	
6	5860.0000	8.54	41.28	49.82	68.30	-18.48	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

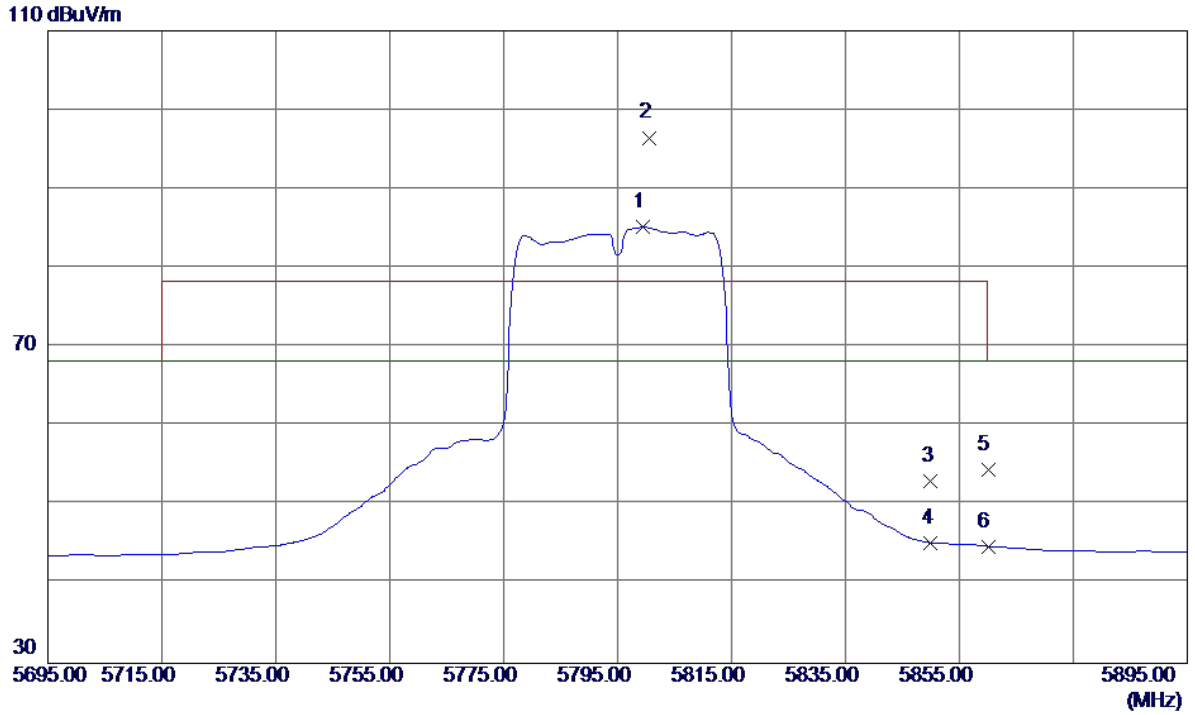
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.6000	40.55	17.08	57.63	68.30	-10.67	Peak	
2	11591.2000	29.04	17.08	46.12	54.00	-7.88	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

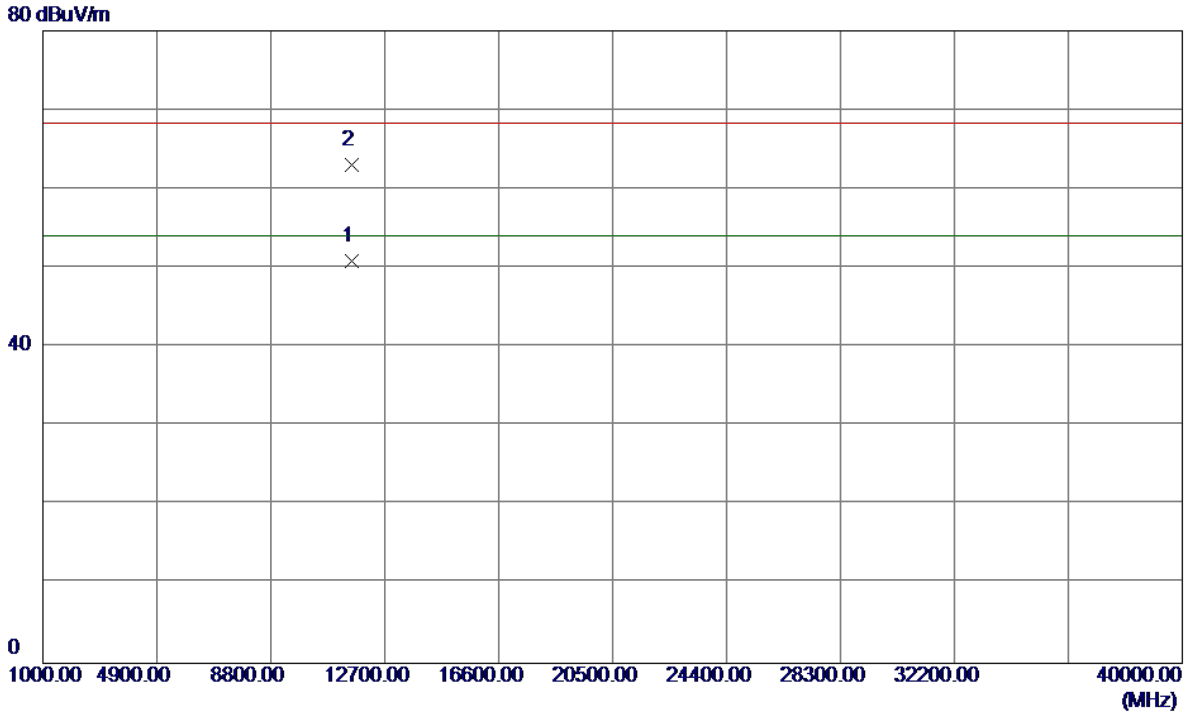
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5799.4000	44.22	40.97	85.19	68.30	16.89	AVG	No Limit
2	5800.6000	55.50	40.98	96.48	78.30	18.18	Peak	No Limit
3	5850.0000	11.75	41.23	52.98	78.30	-25.32	Peak	
4	5850.0000	3.97	41.23	45.20	68.30	-23.10	AVG	
5	5860.0000	13.26	41.28	54.54	78.30	-23.76	Peak	
6	5860.0000	3.51	41.28	44.79	68.30	-23.51	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

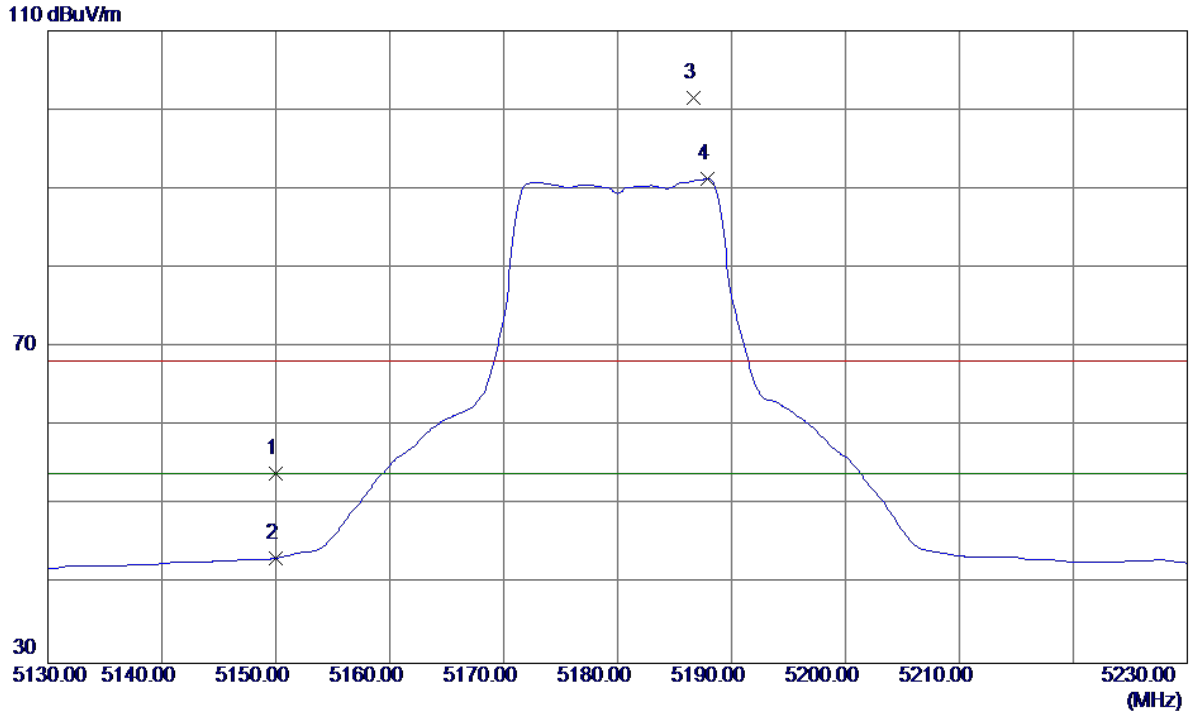
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.3000	33.75	17.08	50.83	54.00	-3.17	AVG	
2	11590.5000	45.92	17.08	63.00	68.30	-5.30	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

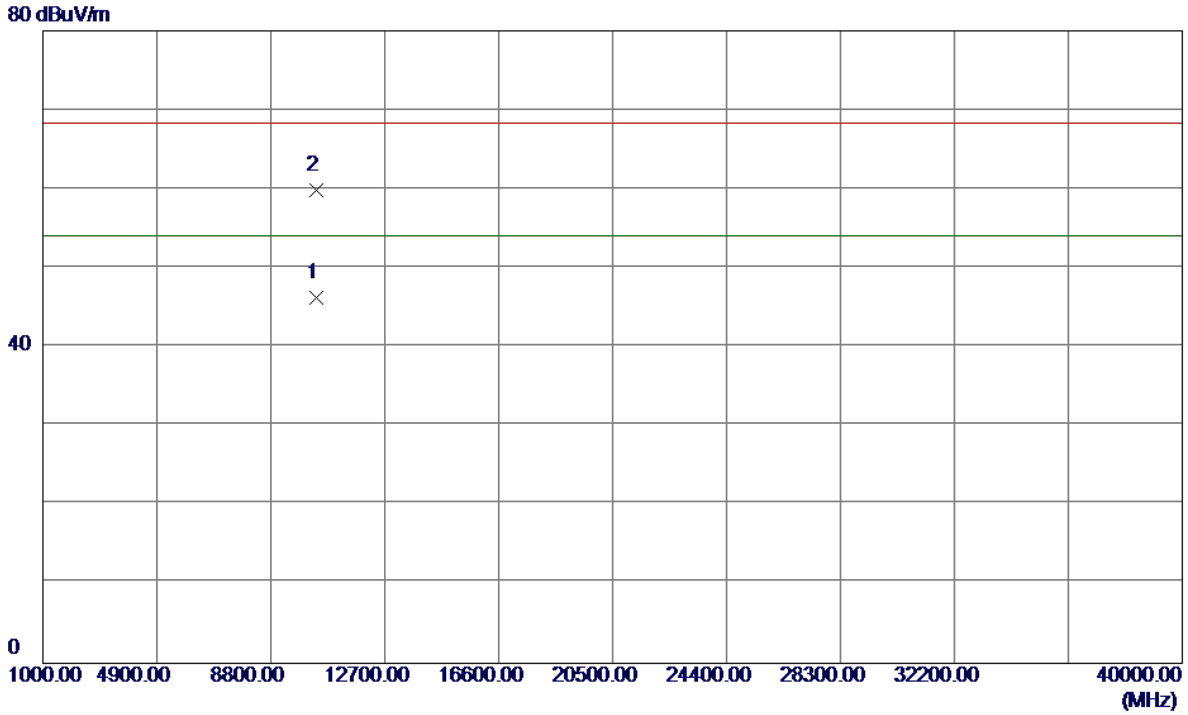
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.06	37.89	53.95	68.30	-14.35	Peak	
2	5150.0000	5.40	37.89	43.29	54.00	-10.71	AVG	
3	5186.7000	63.48	38.06	101.54	68.30	33.24	Peak	No Limit
4	5187.9000	53.21	38.06	91.27	54.00	37.27	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

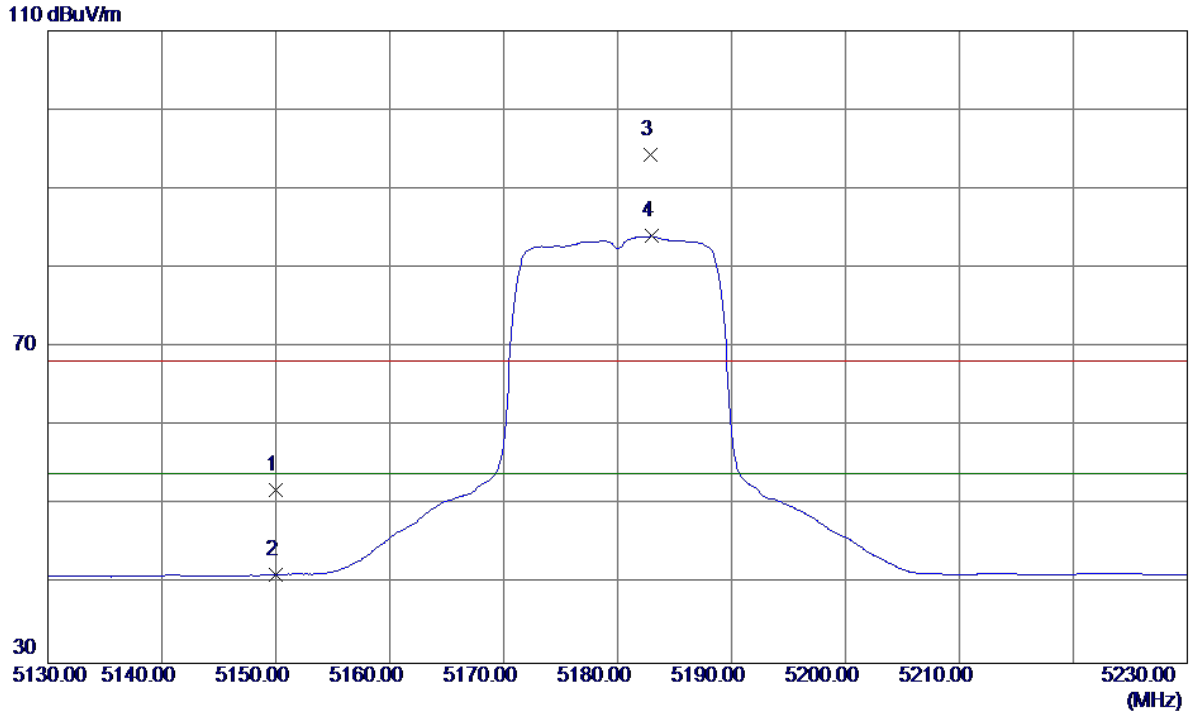
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10361.2000	32.44	13.86	46.30	54.00	-7.70	AVG	
2	10361.5000	46.06	13.85	59.91	68.30	-8.39	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

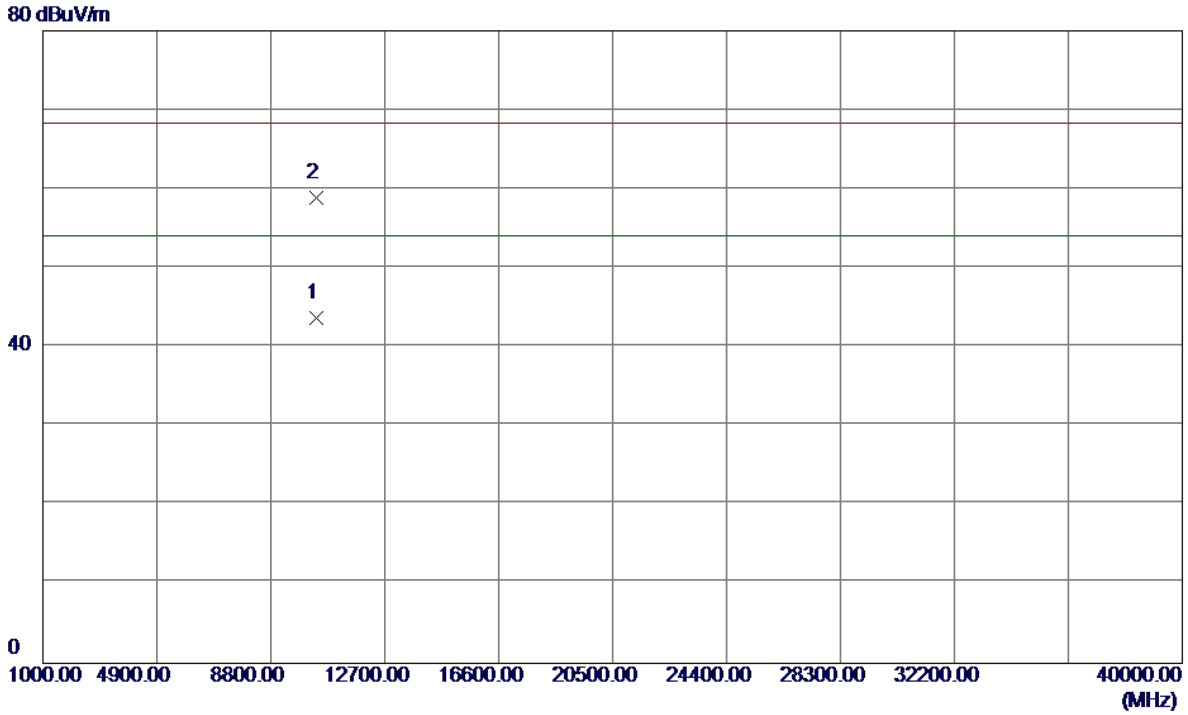
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	14.00	37.89	51.89	68.30	-16.41	Peak	
2	5150.0000	3.32	37.89	41.21	54.00	-12.79	AVG	
3	5182.9000	56.34	38.04	94.38	68.30	26.08	Peak	No Limit
4	5183.0000	45.97	38.04	84.01	54.00	30.01	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

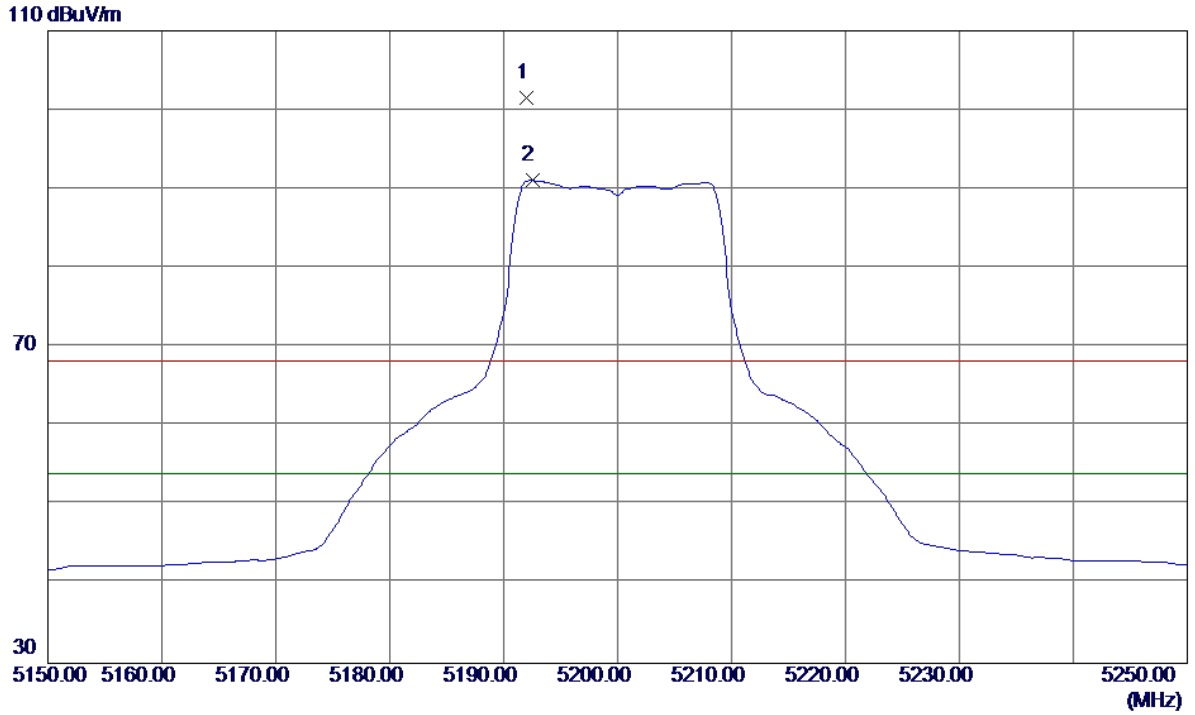
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.2000	29.81	13.86	43.67	54.00	-10.33	AVG	
2	10360.9000	44.95	13.86	58.81	68.30	-9.49	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

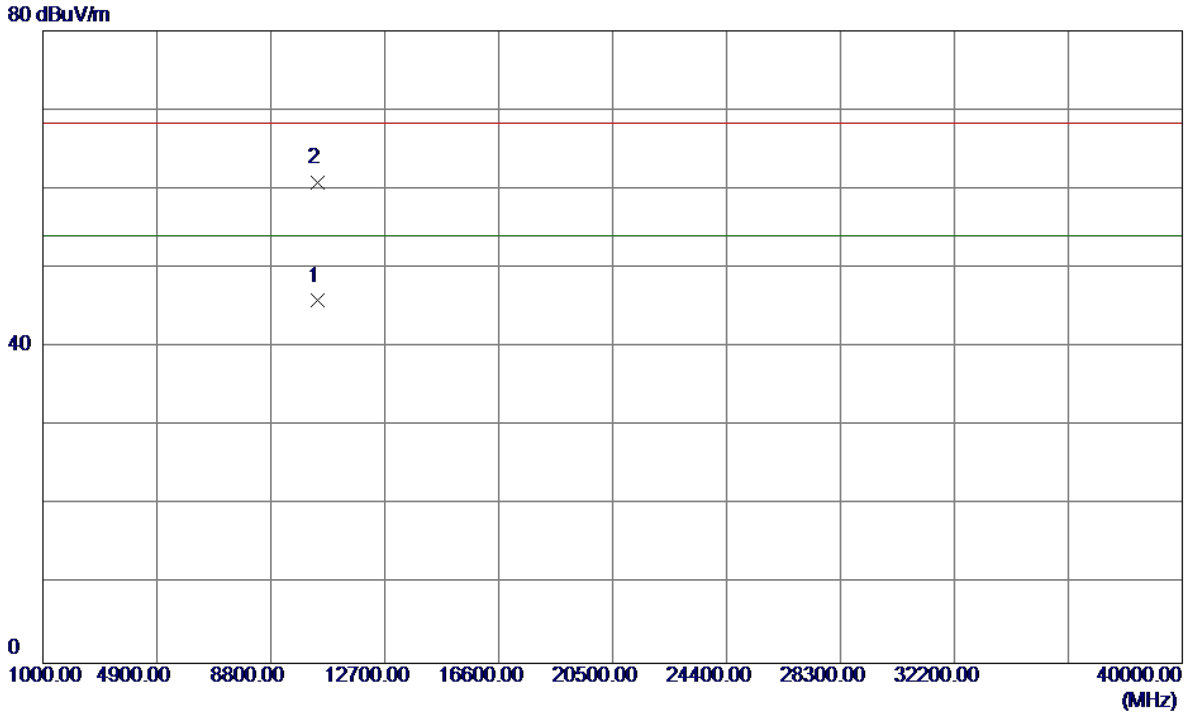
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5192.0000	63.47	38.08	101.55	68.30	33.25	Peak	No Limit
2	5192.5000	52.99	38.08	91.07	54.00	37.07	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

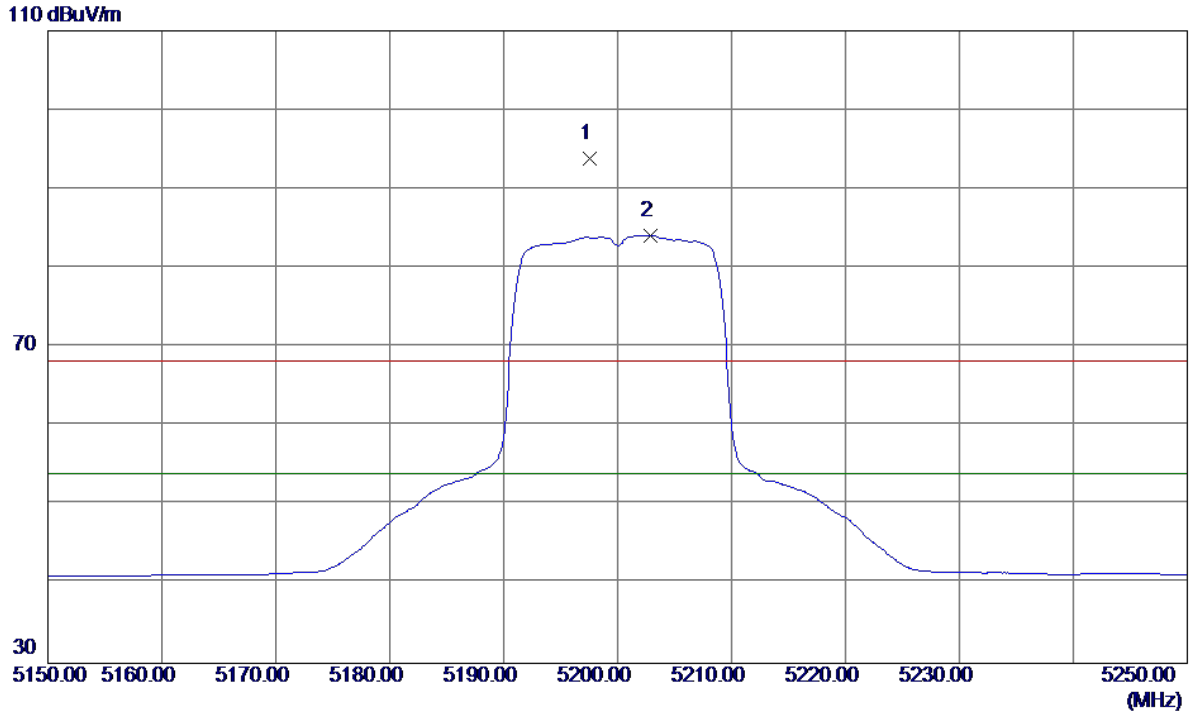
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.6000	32.04	13.80	45.84	54.00	-8.16	AVG	
2	10401.1000	47.00	13.80	60.80	68.30	-7.50	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

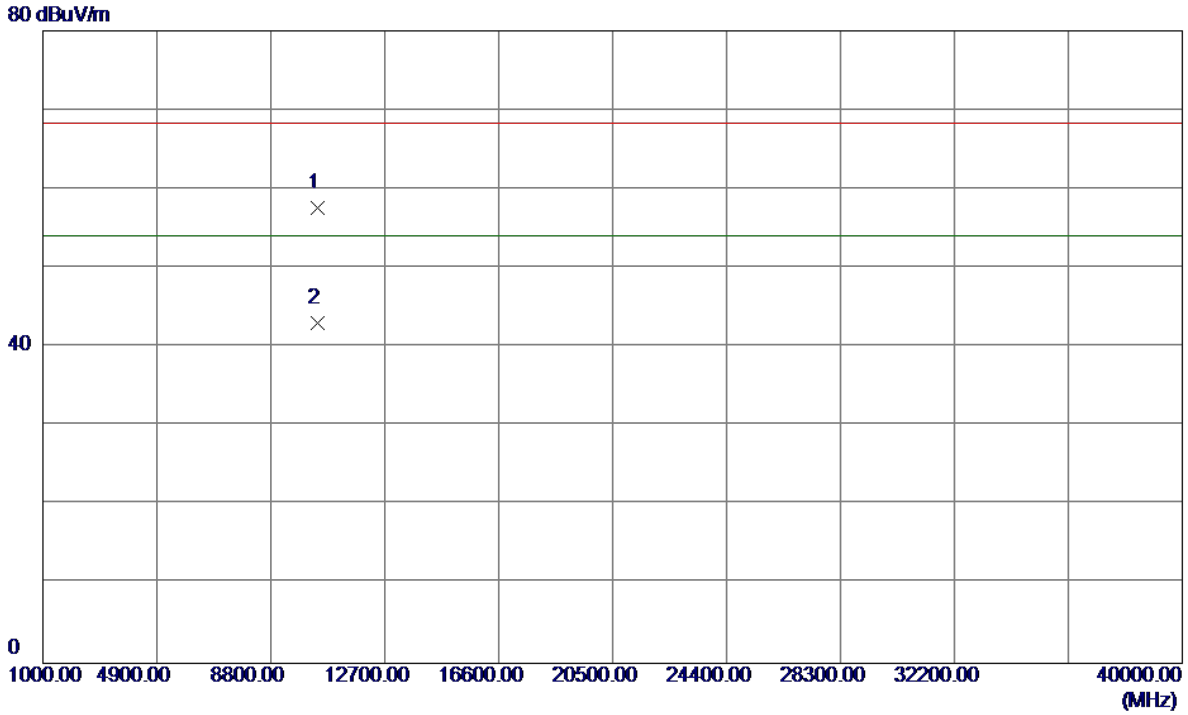
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5197.6000	55.75	38.10	93.85	68.30	25.55	Peak	No Limit
2	5202.9000	46.01	38.13	84.14	54.00	30.14	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

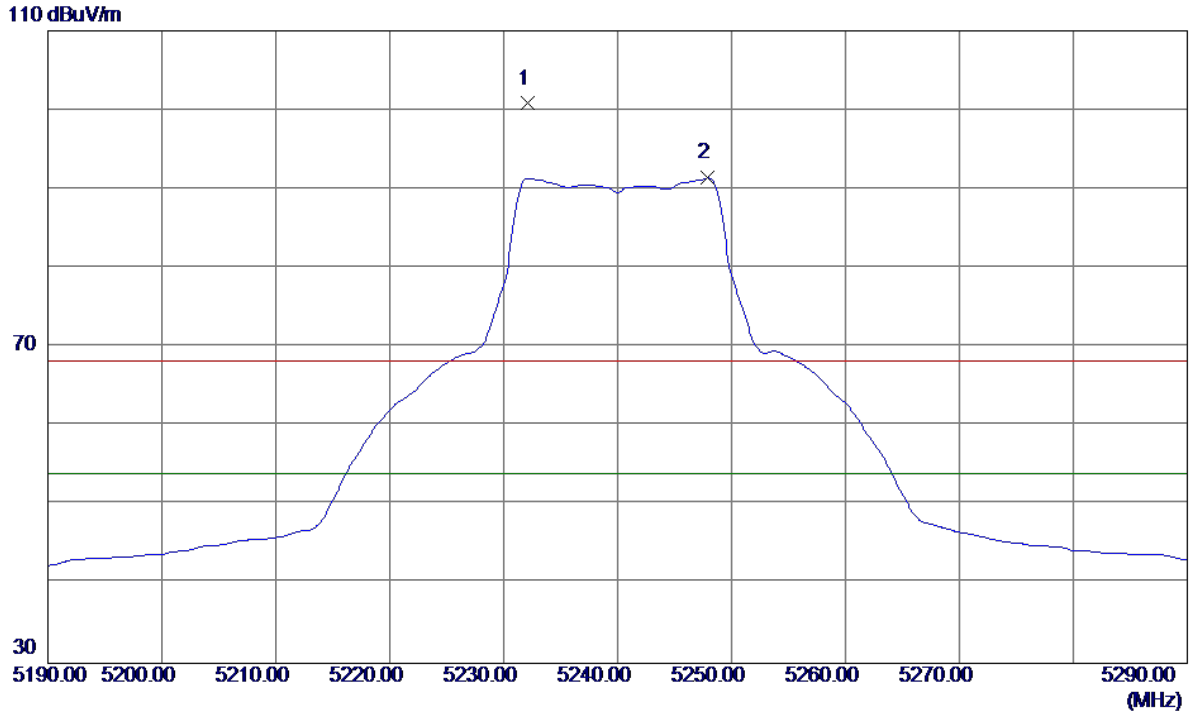
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10396.9000	43.85	13.81	57.66	68.30	-10.64	Peak	
2	10401.1000	29.18	13.80	42.98	54.00	-11.02	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

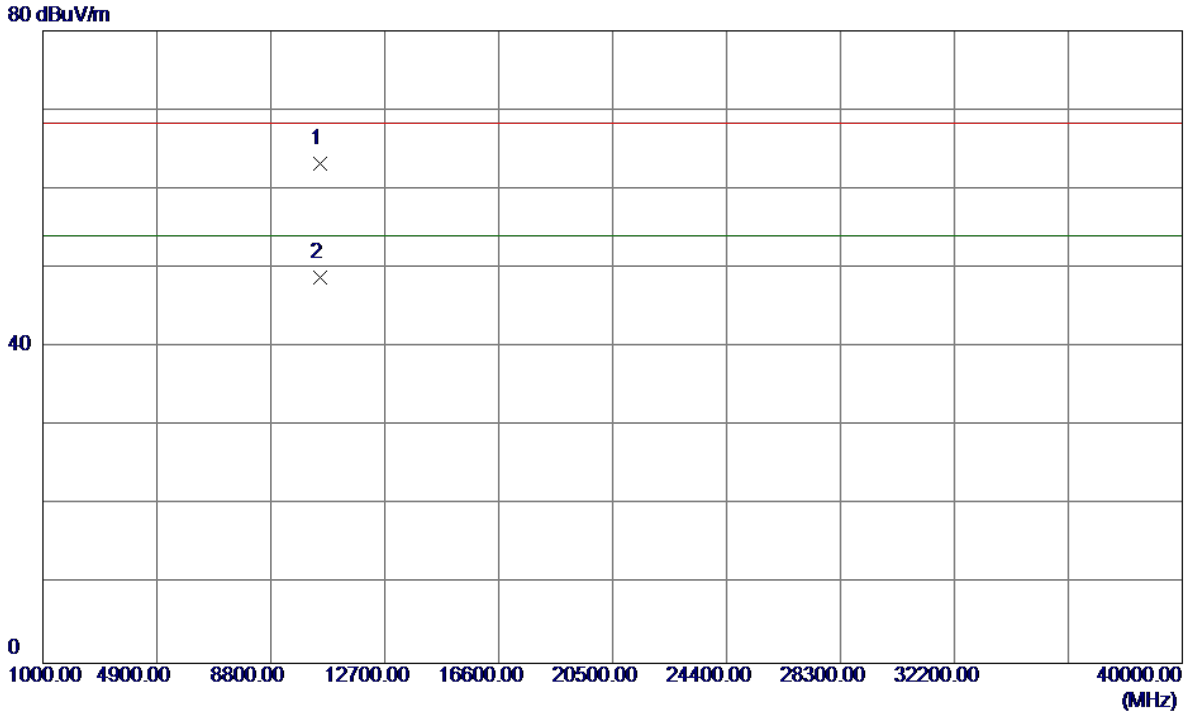
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.1000	62.54	38.26	100.80	68.30	32.50	Peak	No Limit
2	5247.9000	53.04	38.33	91.37	54.00	37.37	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

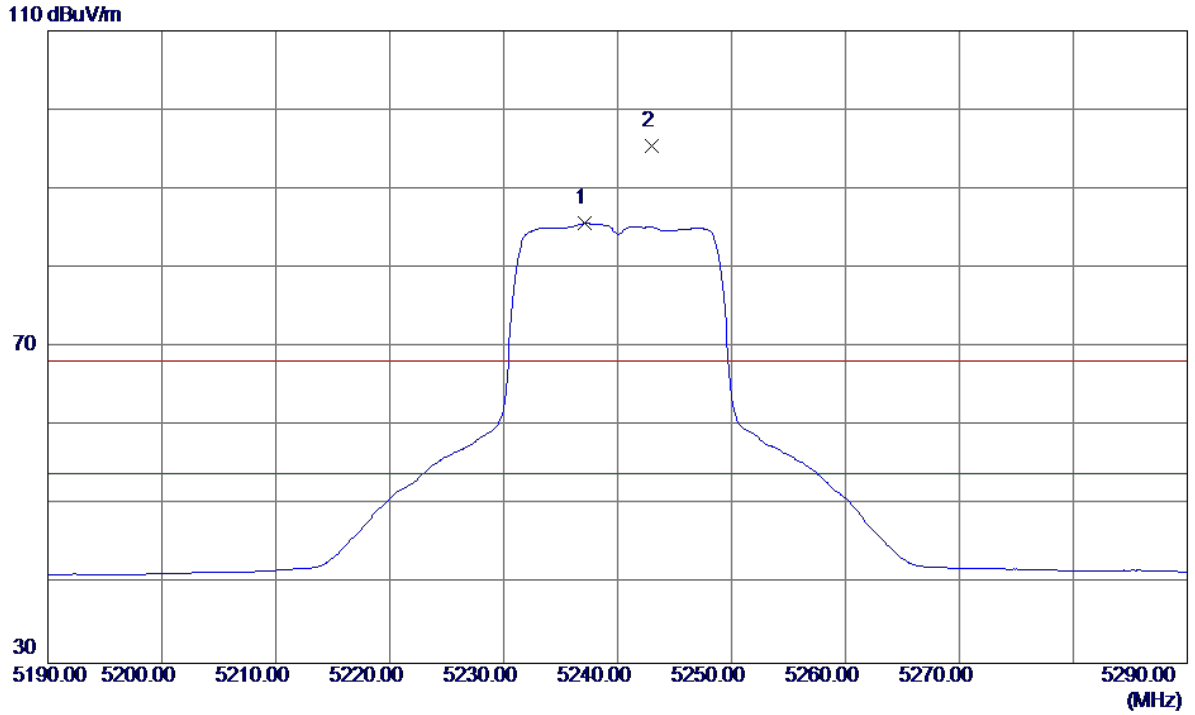
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10481.4000	49.53	13.69	63.22	68.30	-5.08	Peak	
2	10481.9000	35.07	13.69	48.76	54.00	-5.24	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

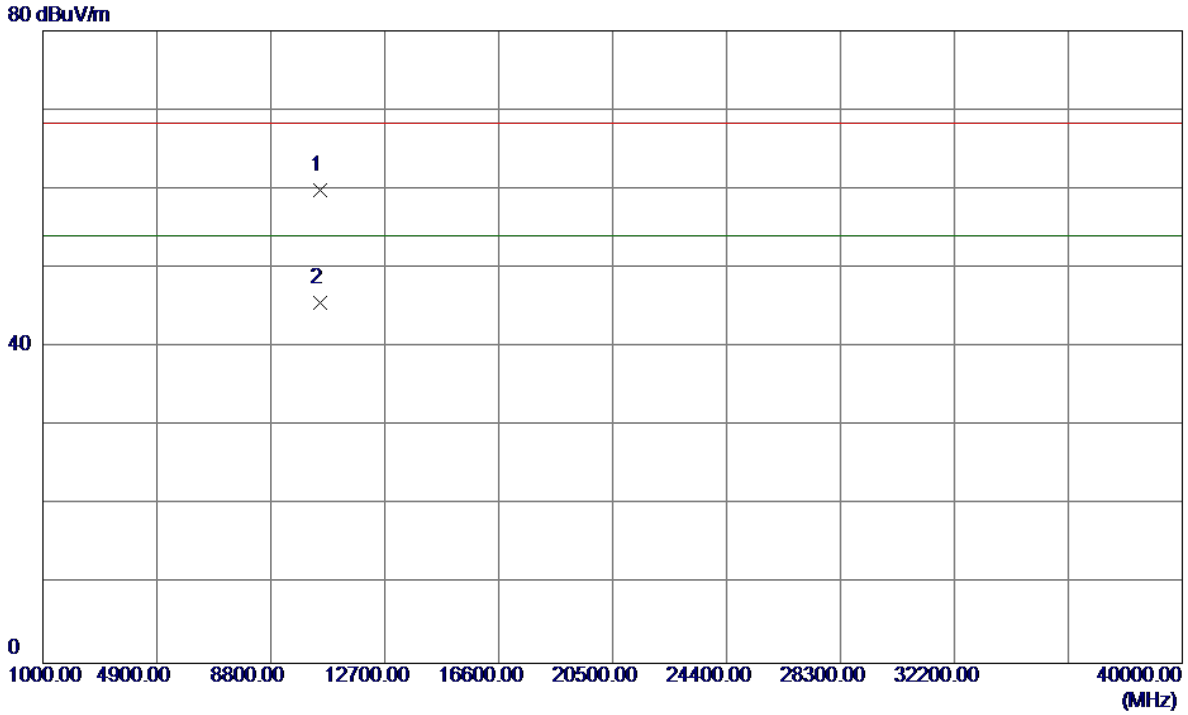
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5237.1000	47.35	38.28	85.63	54.00	31.63	AVG	No Limit
2	5243.0000	57.19	38.30	95.49	68.30	27.19	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

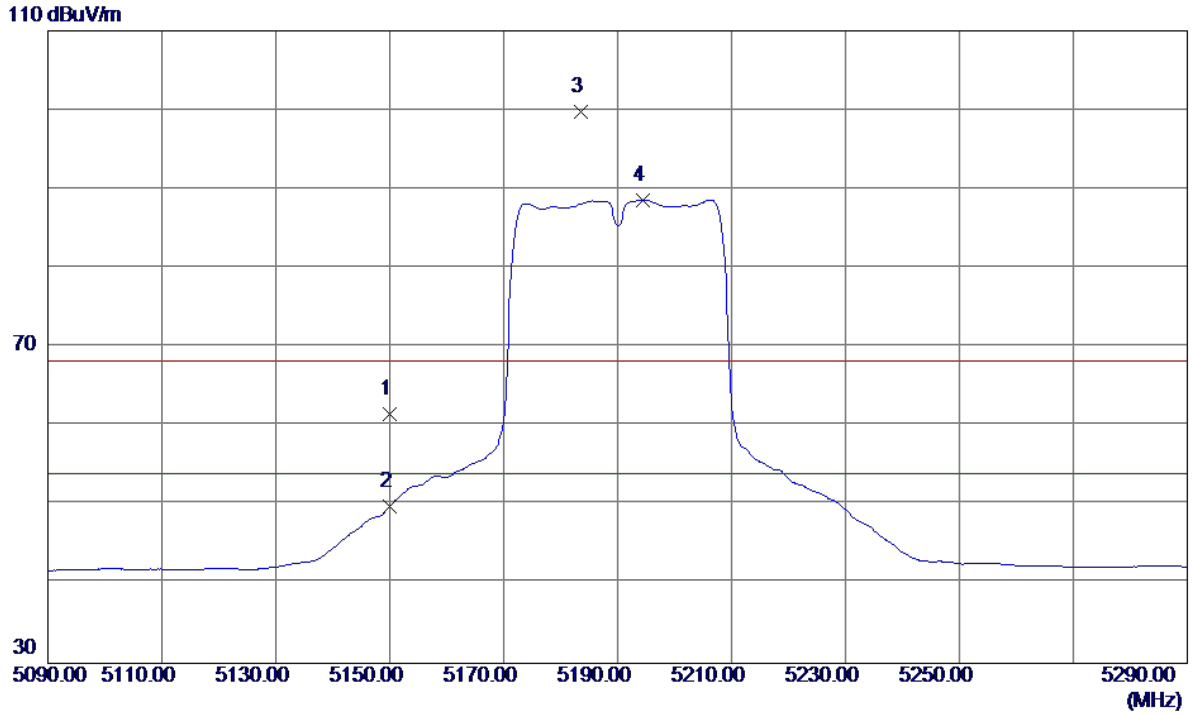
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10481.2000	46.20	13.69	59.89	68.30	-8.41	Peak	
2	10481.5000	31.91	13.69	45.60	54.00	-8.40	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

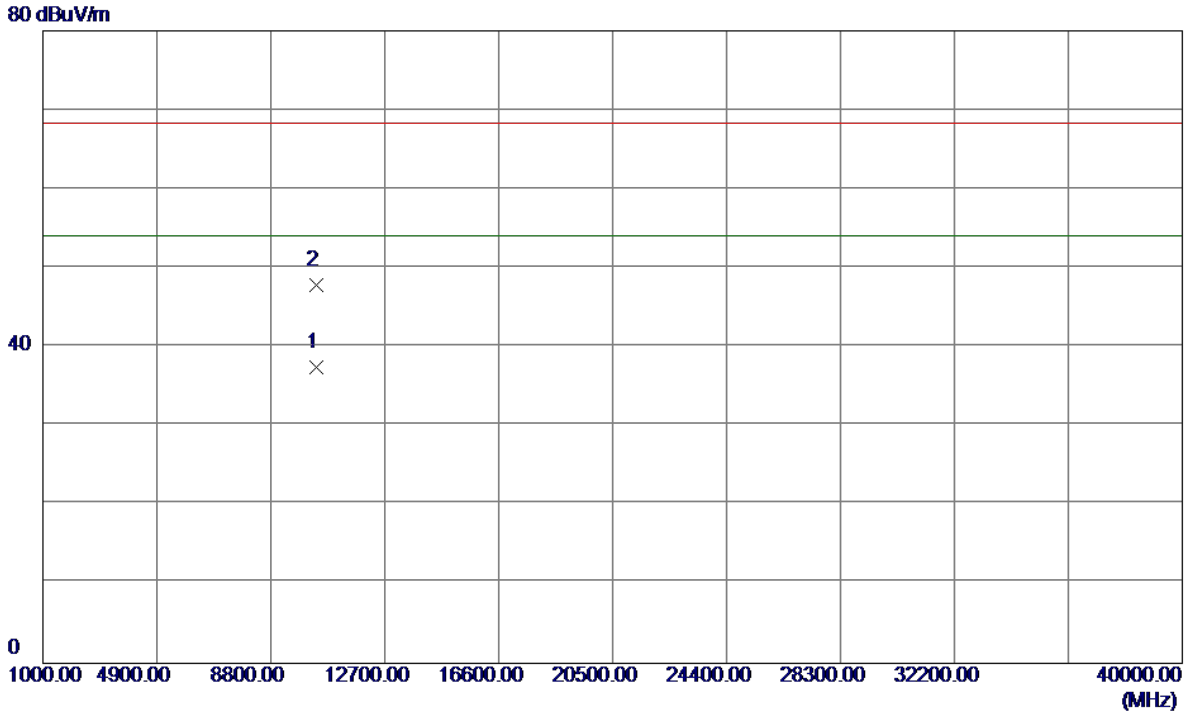
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.64	37.89	61.53	68.30	-6.77	Peak	
2	5150.0000	11.95	37.89	49.84	54.00	-4.16	AVG	
3	5183.6000	61.64	38.04	99.68	68.30	31.38	Peak	No Limit
4	5194.4000	50.51	38.09	88.60	54.00	34.60	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

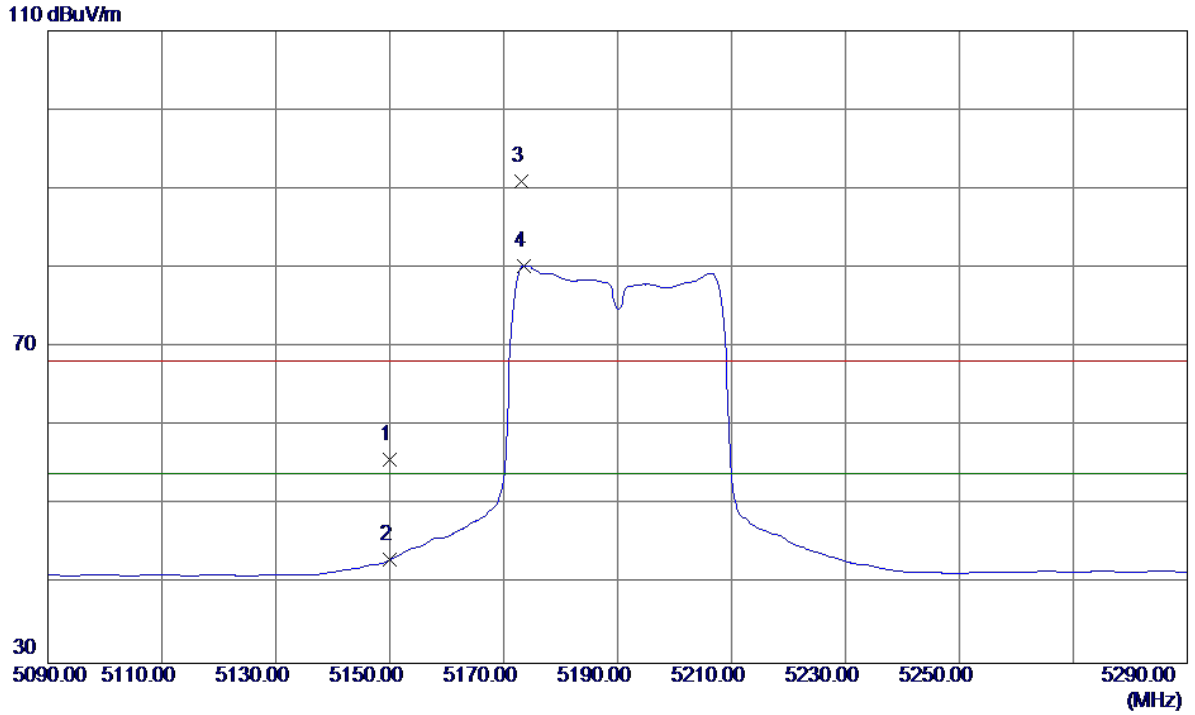
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10379.3000	23.67	13.83	37.50	54.00	-16.50	AVG	
2	10379.8000	34.03	13.83	47.86	68.30	-20.44	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

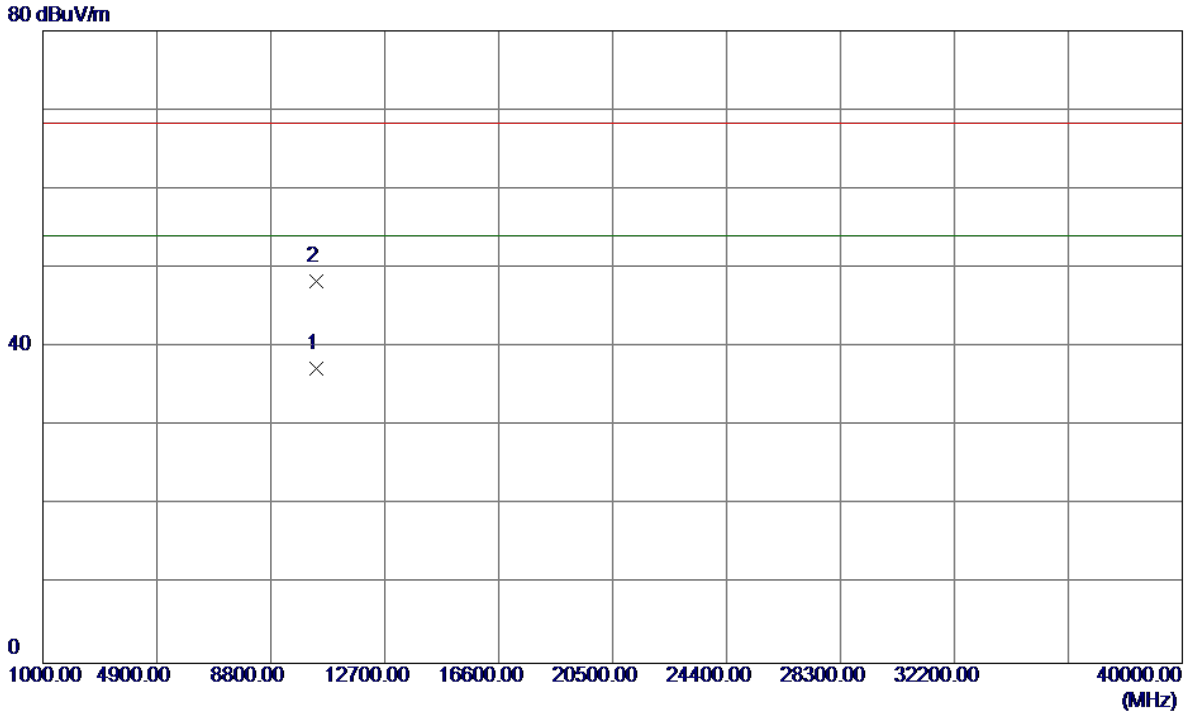
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.92	37.89	55.81	68.30	-12.49	Peak	
2	5150.0000	5.20	37.89	43.09	54.00	-10.91	AVG	
3	5173.2000	52.97	38.00	90.97	68.30	22.67	Peak	No Limit
4	5173.6000	42.32	38.00	80.32	54.00	26.32	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

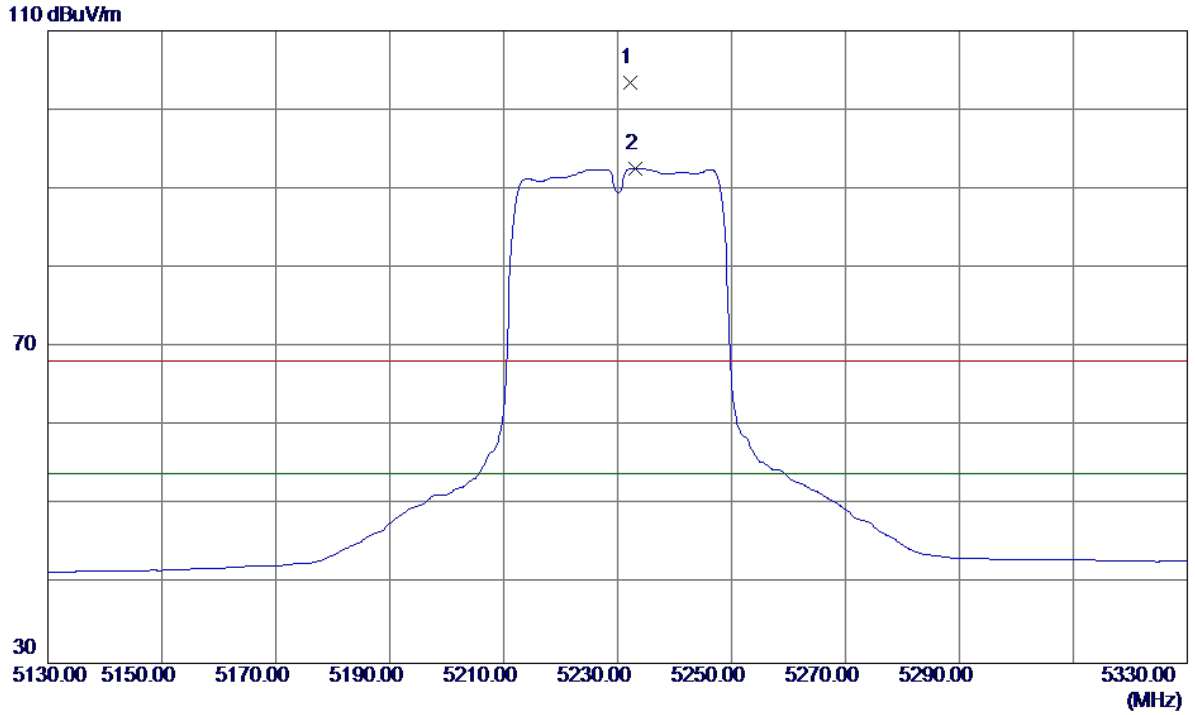
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10379.0000	23.46	13.83	37.29	54.00	-16.71	AVG	
2	10379.9000	34.50	13.83	48.33	68.30	-19.97	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

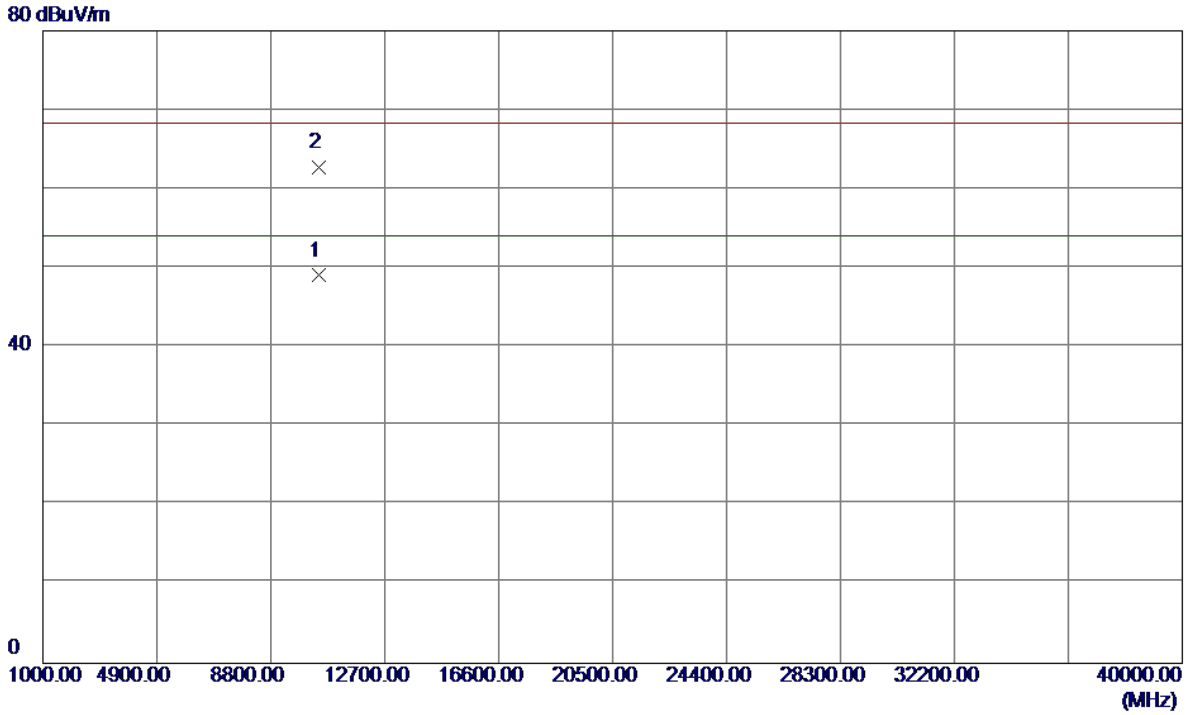
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.2000	61.73	41.68	103.41	68.30	35.11	Peak	No Limit
2	5233.2000	50.90	41.68	92.58	54.00	38.58	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

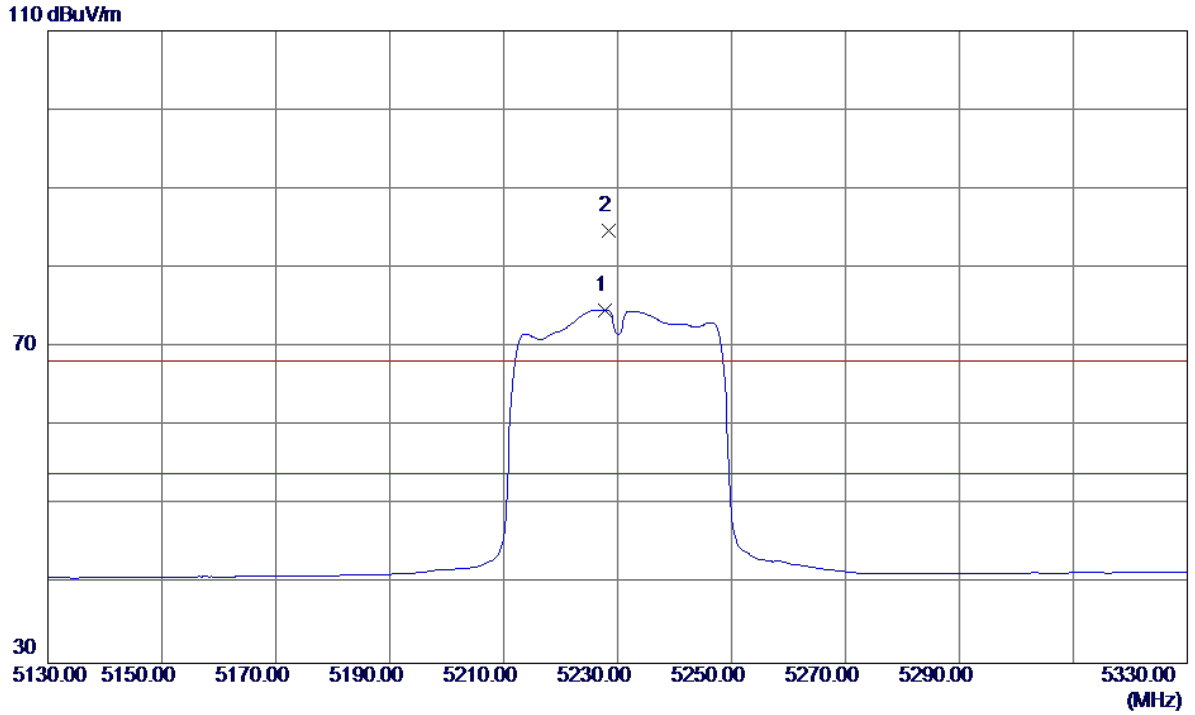
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10466.5000	35.33	13.71	49.04	54.00	-4.96	AVG	
2	10467.5000	48.94	13.71	62.65	68.30	-5.65	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

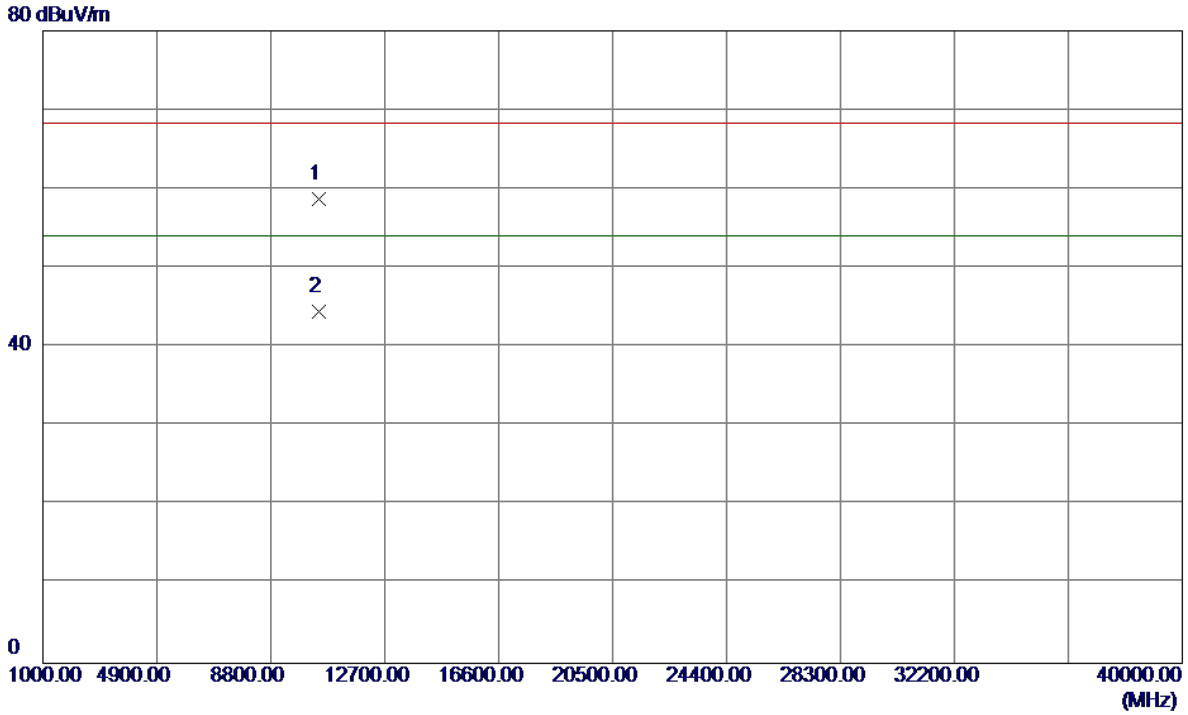
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5227.8000	33.01	41.66	74.67	54.00	20.67	AVG	No Limit
2	5228.4000	43.13	41.66	84.79	68.30	16.49	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

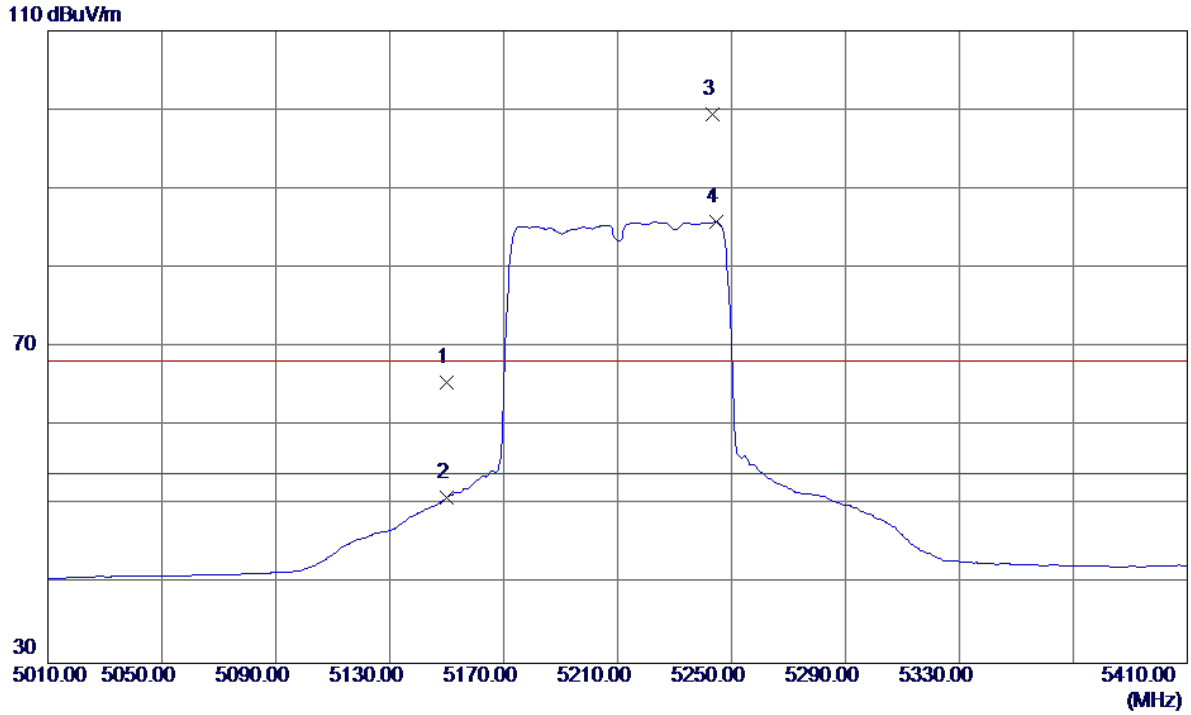
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10467.5000	45.08	13.71	58.79	68.30	-9.51	Peak	
2	10467.5000	30.70	13.71	44.41	54.00	-9.59	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

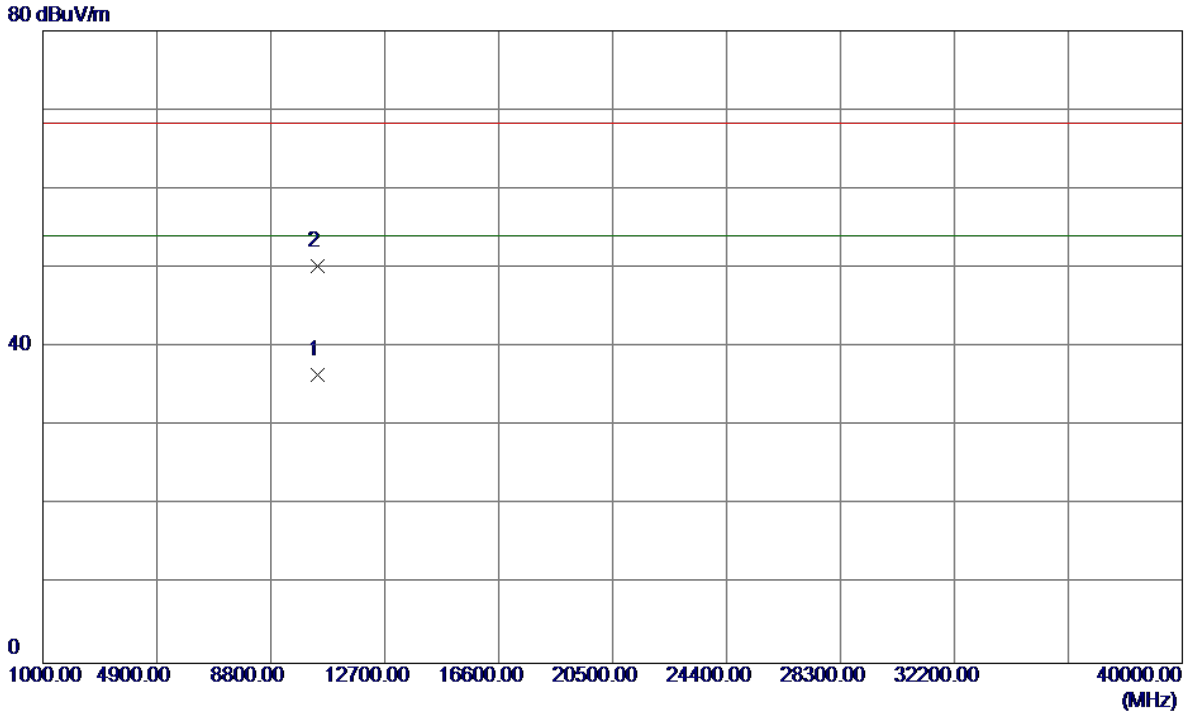
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.19	41.40	65.59	68.30	-2.71	Peak	
2	5150.0000	9.55	41.40	50.95	54.00	-3.05	AVG	
3	5243.2000	57.81	41.71	99.52	68.30	31.22	Peak	No Limit
4	5244.8000	44.10	41.72	85.82	54.00	31.82	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

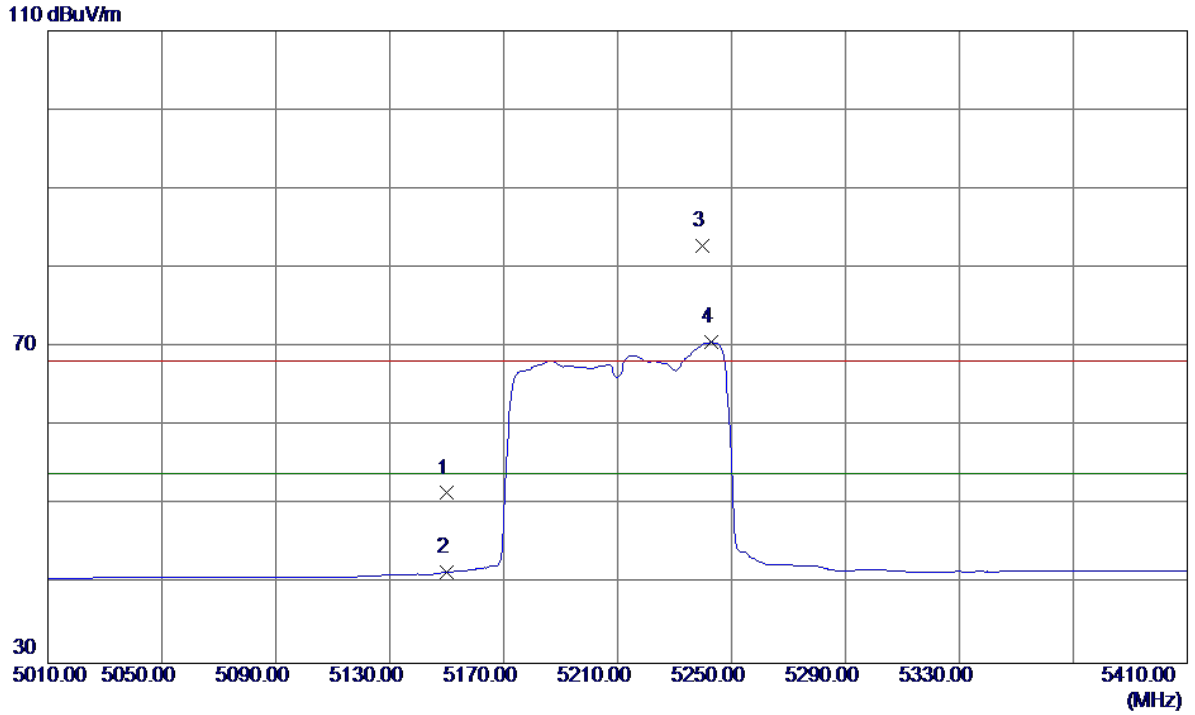
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10418.7000	22.73	13.78	36.51	54.00	-17.49	AVG	
2	10419.4000	36.45	13.78	50.23	68.30	-18.07	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

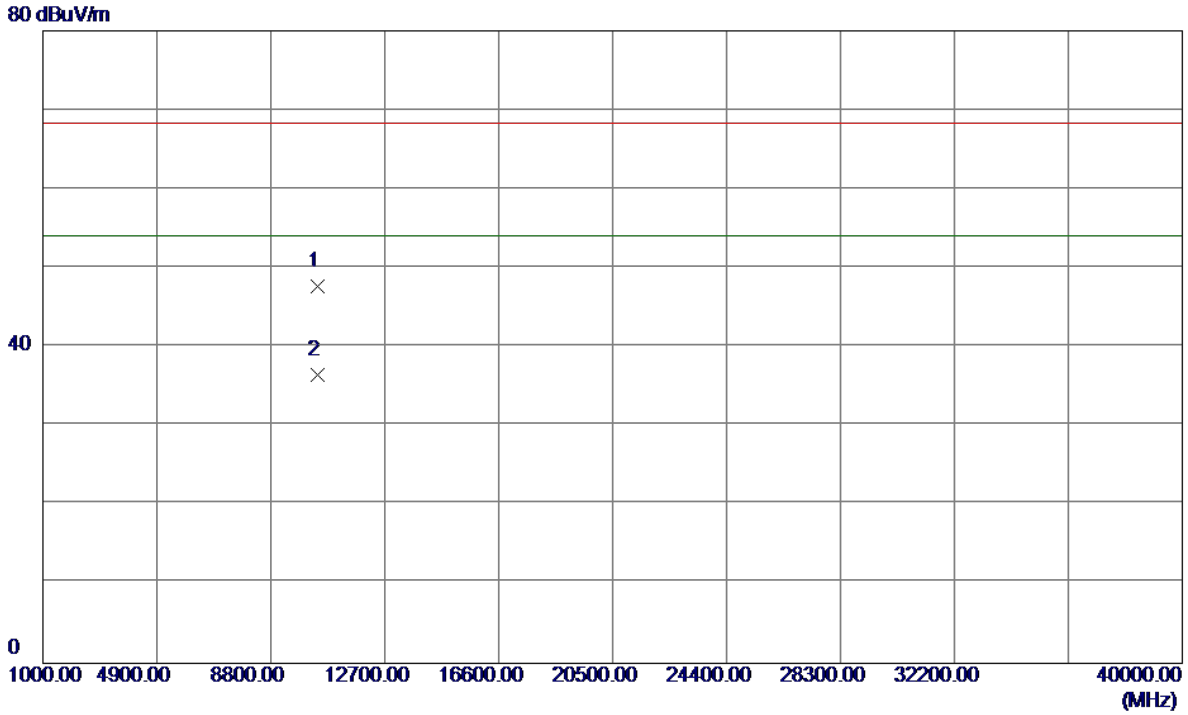
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	10.12	41.40	51.52	68.30	-16.78	Peak	
2	5150.0000	0.13	41.40	41.53	54.00	-12.47	AVG	
3	5239.6000	41.09	41.70	82.79	68.30	14.49	Peak	No Limit
4	5242.8000	28.87	41.71	70.58	54.00	16.58	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

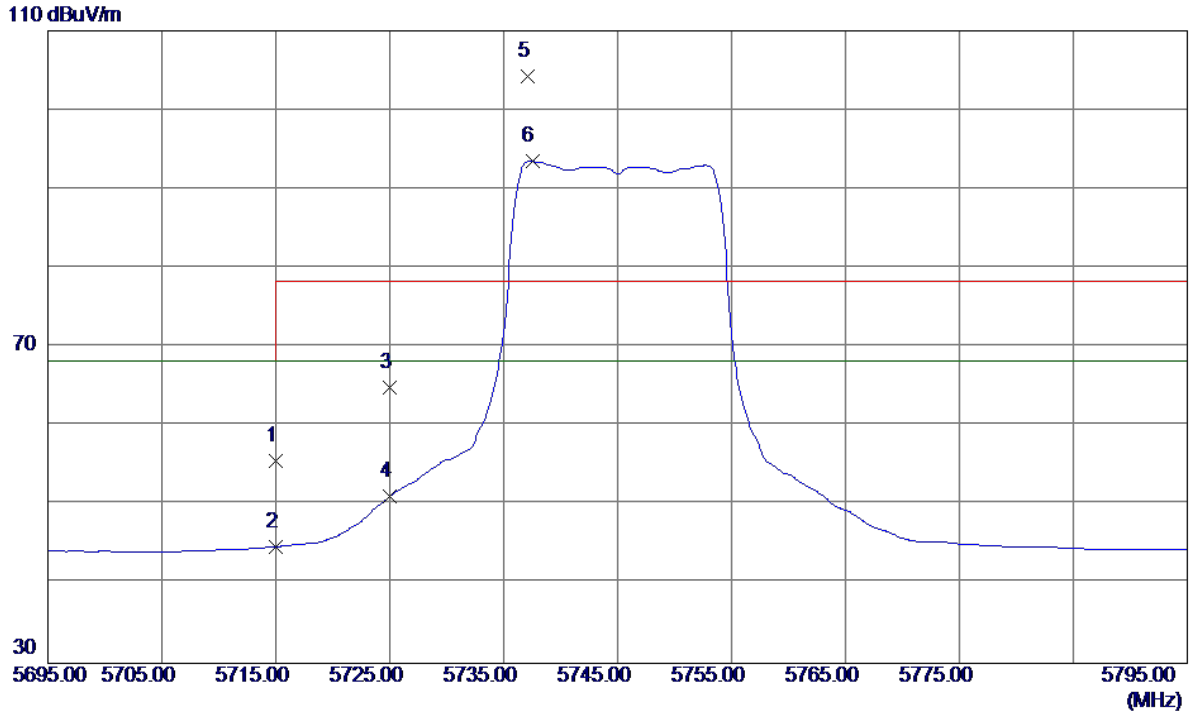
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10419.6000	33.94	13.78	47.72	68.30	-20.58	Peak	
2	10419.6500	22.67	13.78	36.45	54.00	-17.55	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

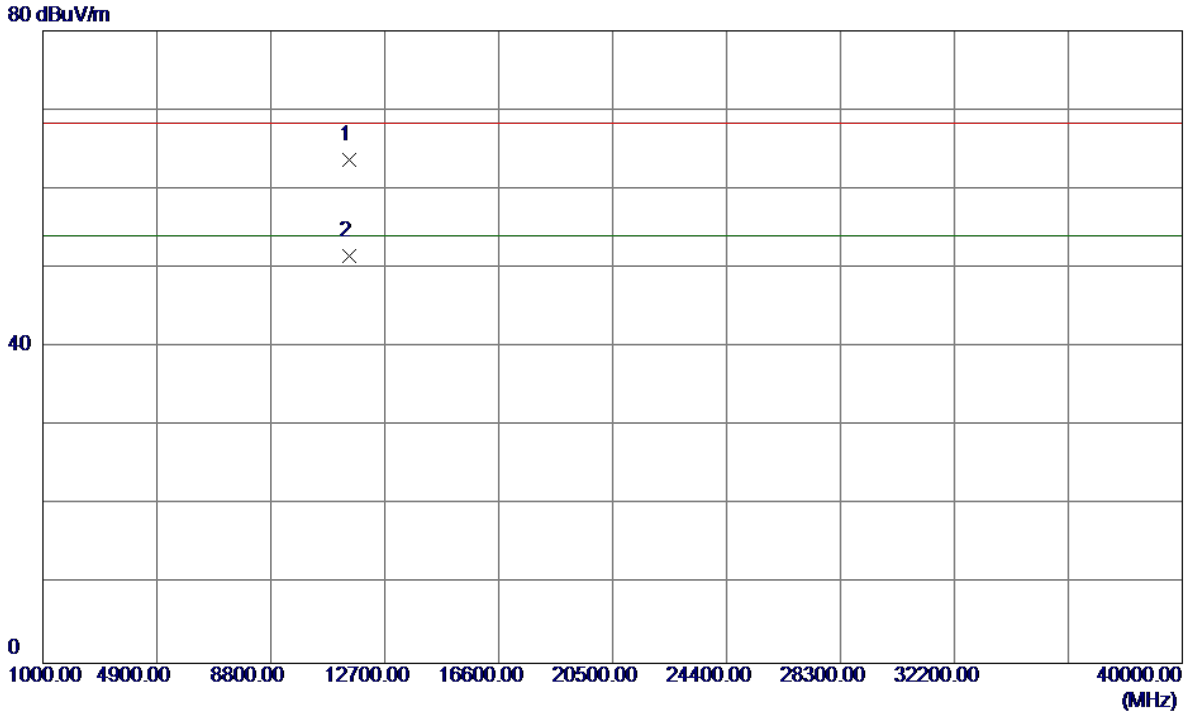
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	15.12	40.54	55.66	68.30	-12.64	Peak	
2	5715.0000	4.16	40.54	44.70	68.30	-23.60	AVG	
3	5725.0000	24.25	40.59	64.84	78.30	-13.46	Peak	
4	5725.0000	10.49	40.59	51.08	68.30	-17.22	AVG	
5	5737.1000	63.52	40.65	104.17	78.30	25.87	Peak	No Limit
6	5737.5000	52.83	40.66	93.49	68.30	25.19	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

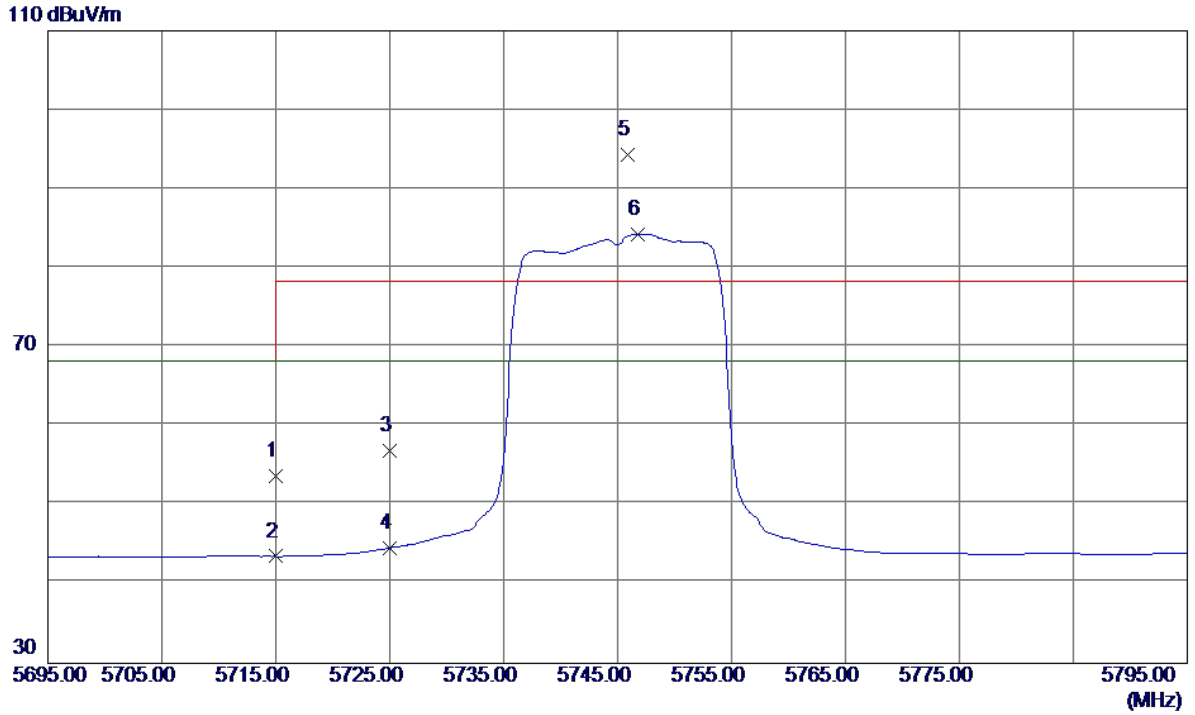
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.0000	46.83	16.91	63.74	68.30	-4.56	Peak	
2	11490.3000	34.65	16.91	51.56	54.00	-2.44	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

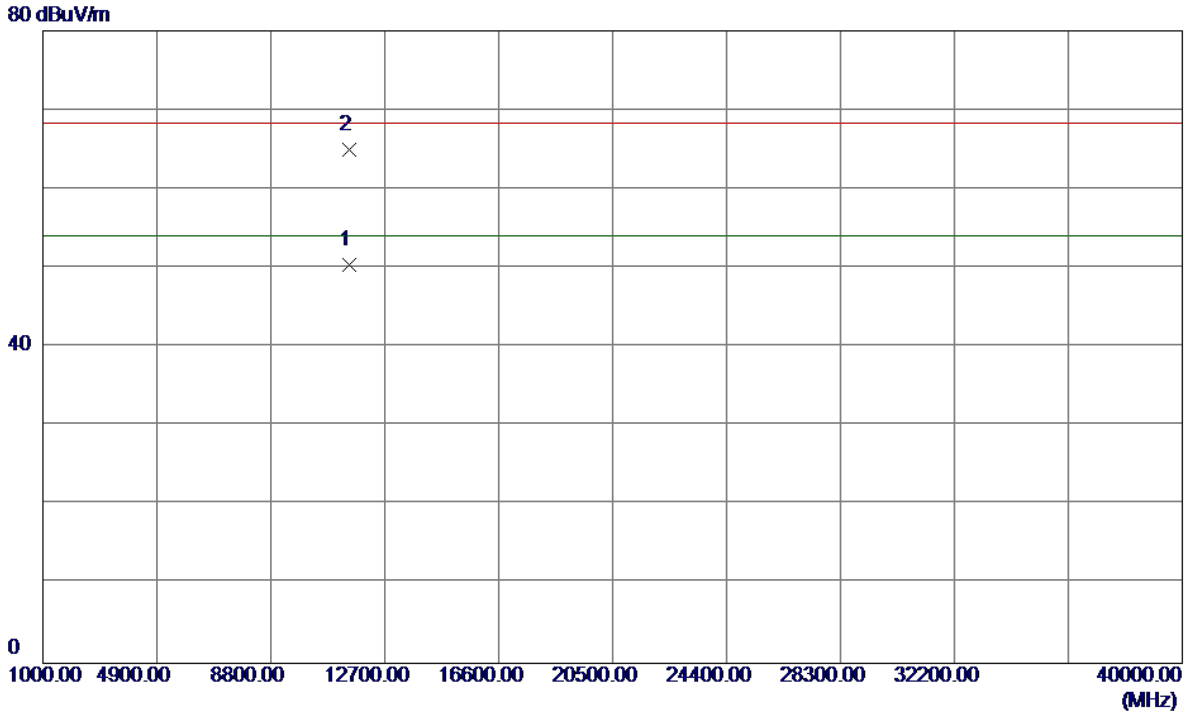
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.21	40.54	53.75	68.30	-14.55	Peak	
2	5715.0000	2.98	40.54	43.52	68.30	-24.78	AVG	
3	5725.0000	16.32	40.59	56.91	78.30	-21.39	Peak	
4	5725.0000	4.01	40.59	44.60	68.30	-23.70	AVG	
5	5745.9000	53.66	40.70	94.36	78.30	16.06	Peak	No Limit
6	5746.8000	43.58	40.70	84.28	68.30	15.98	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

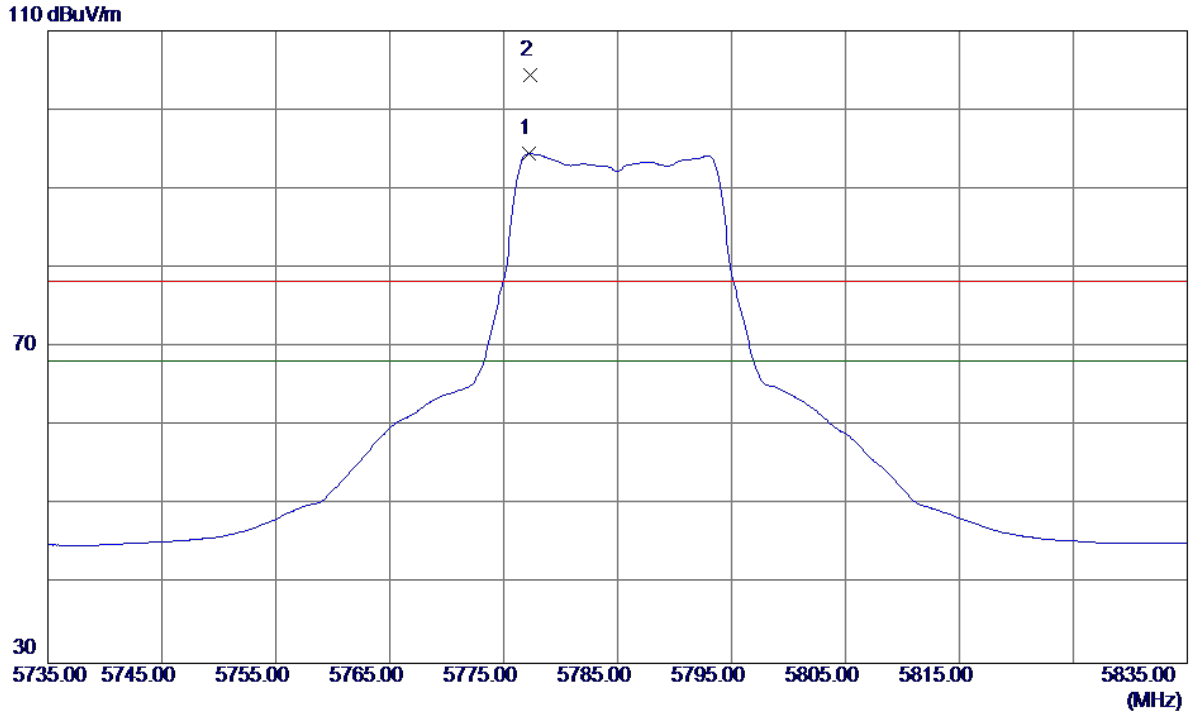
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.7000	33.50	16.91	50.41	54.00	-3.59	AVG	
2	11491.0000	48.03	16.91	64.94	68.30	-3.36	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

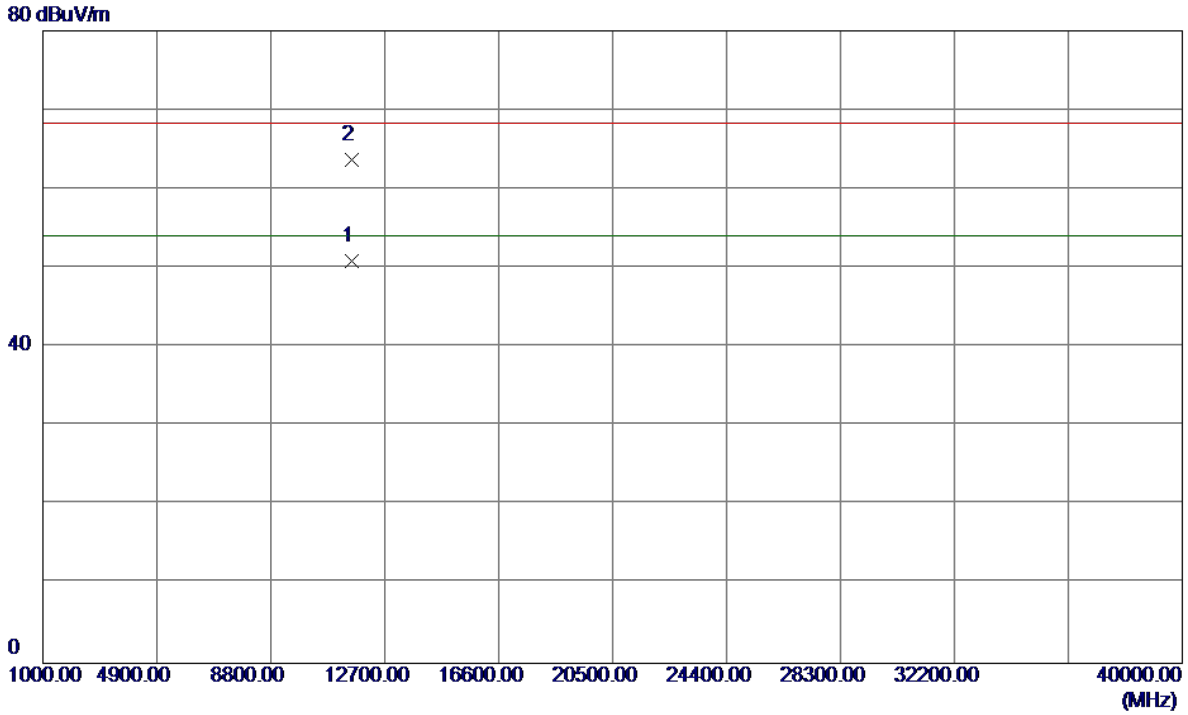
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5777.2000	53.58	40.86	94.44	68.30	26.14	AVG	No Limit
2	5777.3000	63.49	40.86	104.35	78.30	26.05	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

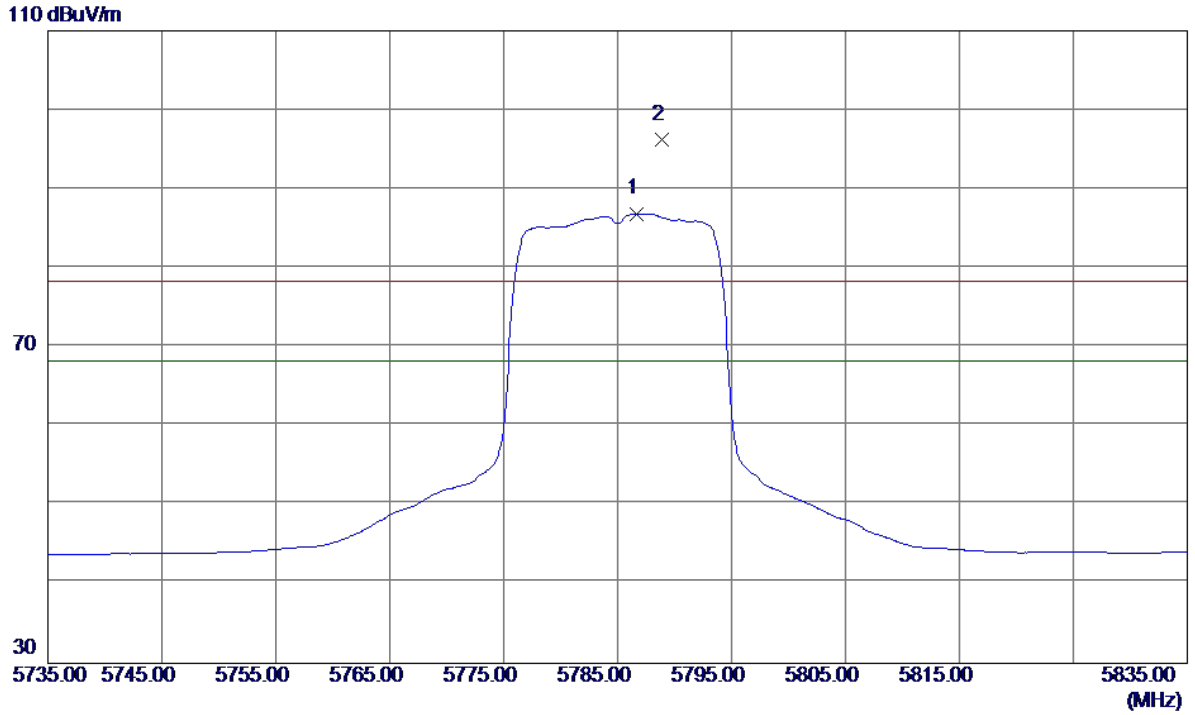
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.3000	33.90	17.04	50.94	54.00	-3.06	AVG	
2	11568.8000	46.71	17.04	63.75	68.30	-4.55	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

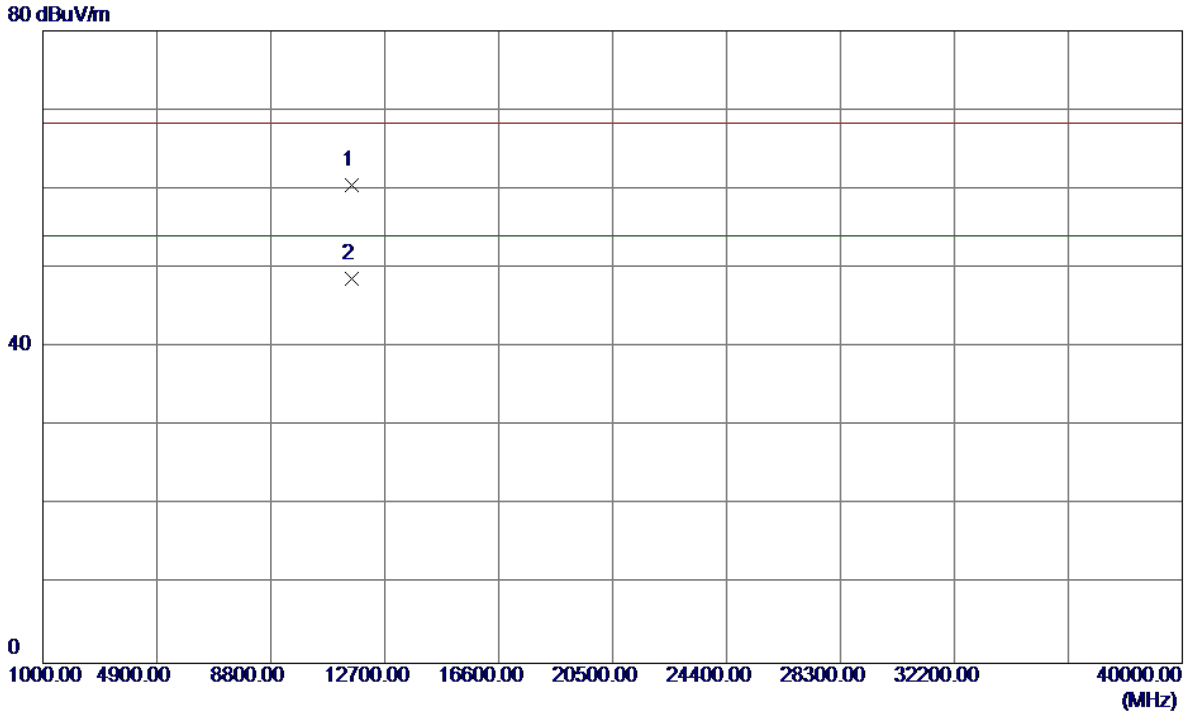
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5786.7000	45.97	40.91	86.88	68.30	18.58	AVG	No Limit
2	5788.9000	55.37	40.92	96.29	78.30	17.99	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

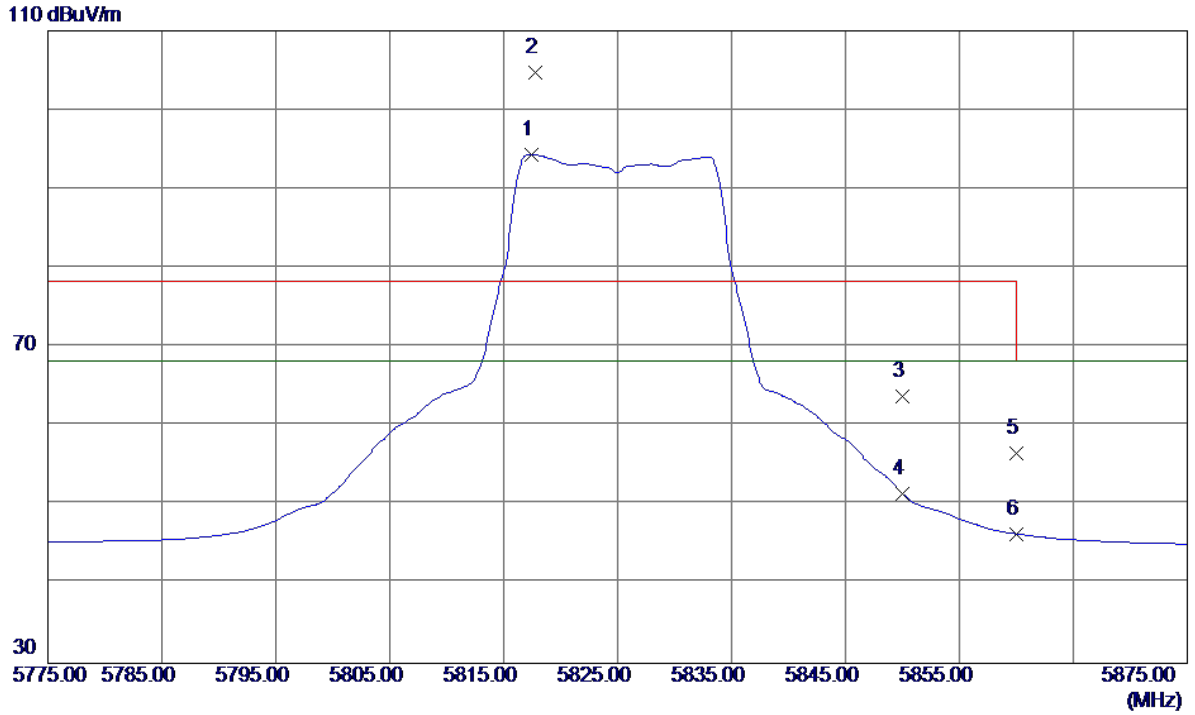
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.5000	43.47	17.05	60.52	68.30	-7.78	Peak	
2	11570.3000	31.56	17.05	48.61	54.00	-5.39	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

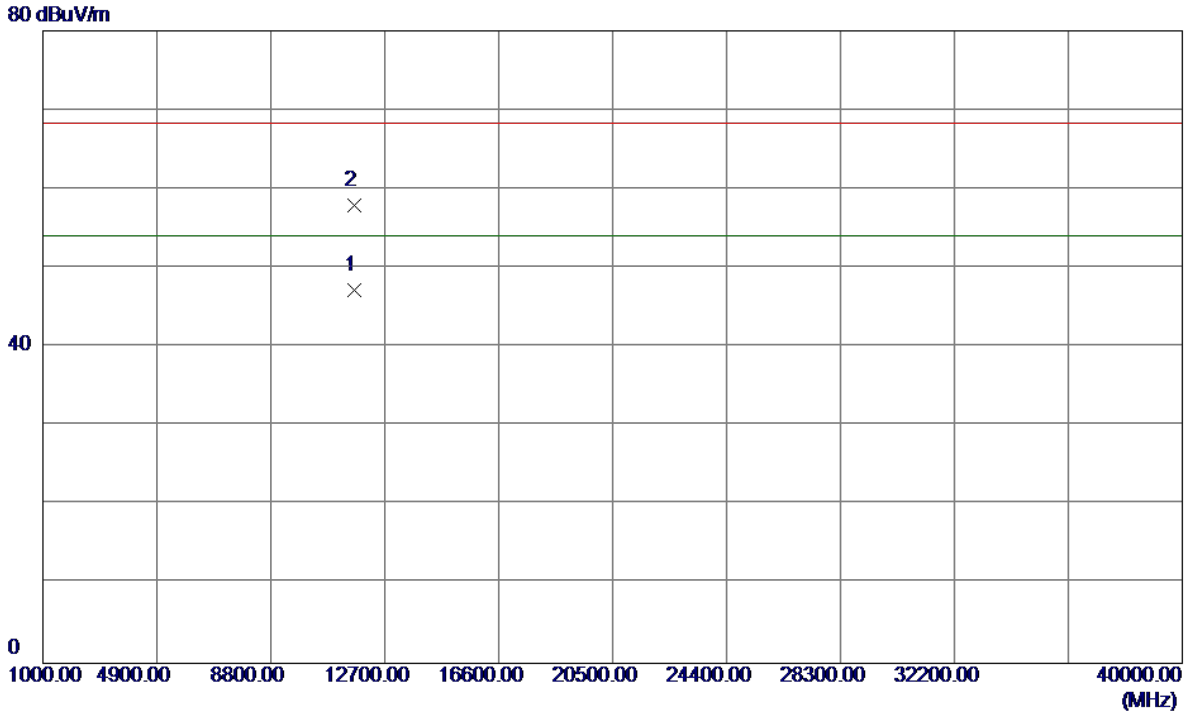
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5817.4000	53.30	41.06	94.36	68.30	26.06	AVG	No Limit
2	5817.8000	63.72	41.07	104.79	78.30	26.49	Peak	No Limit
3	5850.0000	22.48	41.23	63.71	78.30	-14.59	Peak	
4	5850.0000	10.27	41.23	51.50	68.30	-16.80	AVG	
5	5860.0000	15.22	41.28	56.50	78.30	-21.80	Peak	
6	5860.0000	5.10	41.28	46.38	68.30	-21.92	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

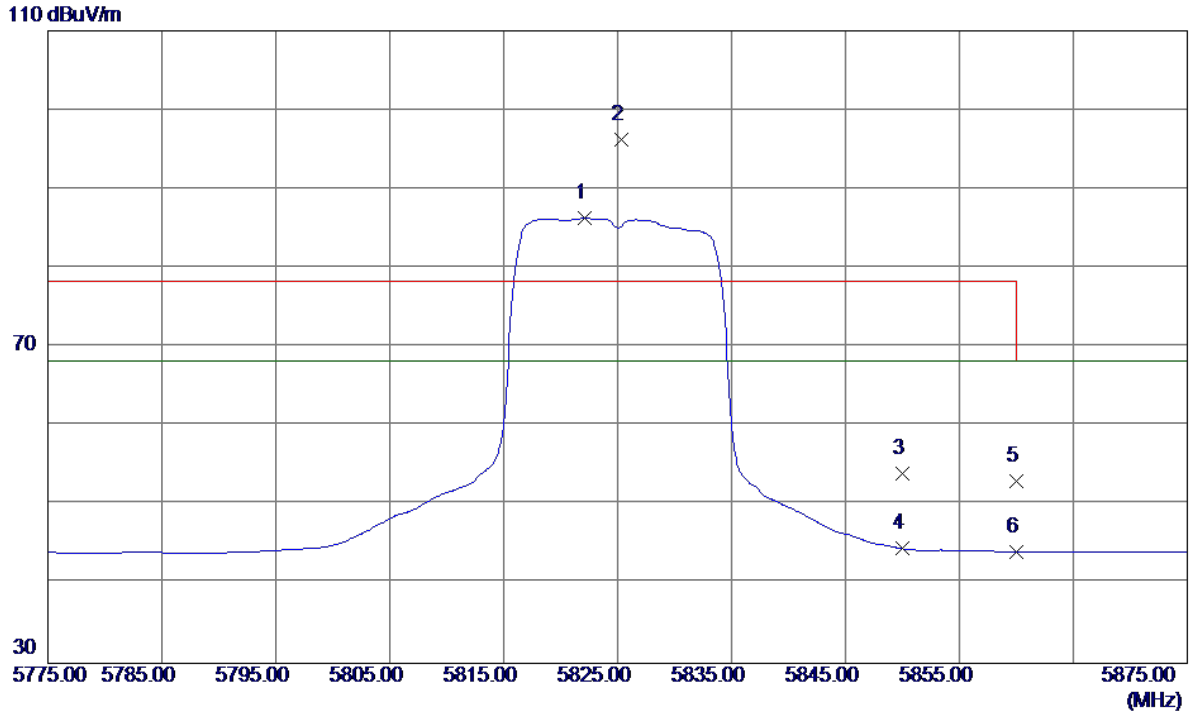
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.3000	29.97	17.17	47.14	54.00	-6.86	AVG	
2	11650.5000	40.80	17.17	57.97	68.30	-10.33	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

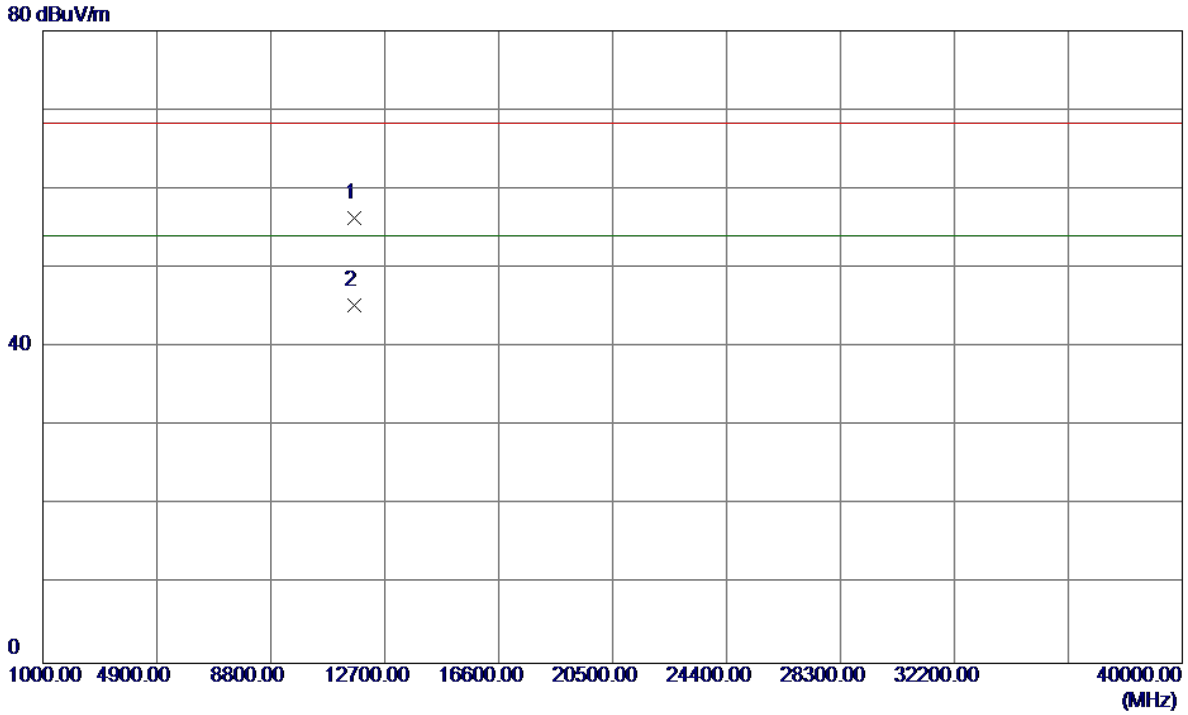
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5822.1000	45.22	41.09	86.31	68.30	18.01	AVG	No Limit
2	5825.3000	55.06	41.11	96.17	78.30	17.87	Peak	No Limit
3	5850.0000	12.75	41.23	53.98	78.30	-24.32	Peak	
4	5850.0000	3.27	41.23	44.50	68.30	-23.80	AVG	
5	5860.0000	11.78	41.28	53.06	78.30	-25.24	Peak	
6	5860.0000	2.83	41.28	44.11	68.30	-24.19	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

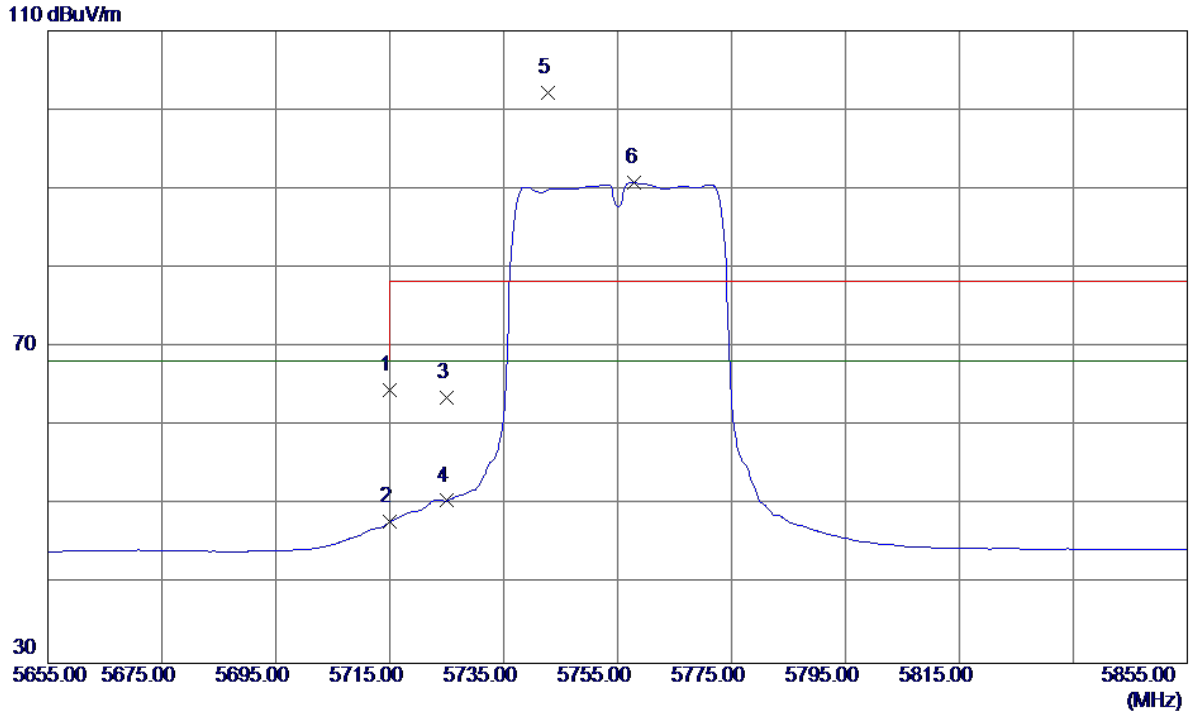
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.9000	39.18	17.17	56.35	68.30	-11.95	Peak	
2	11650.3000	28.08	17.17	45.25	54.00	-8.75	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

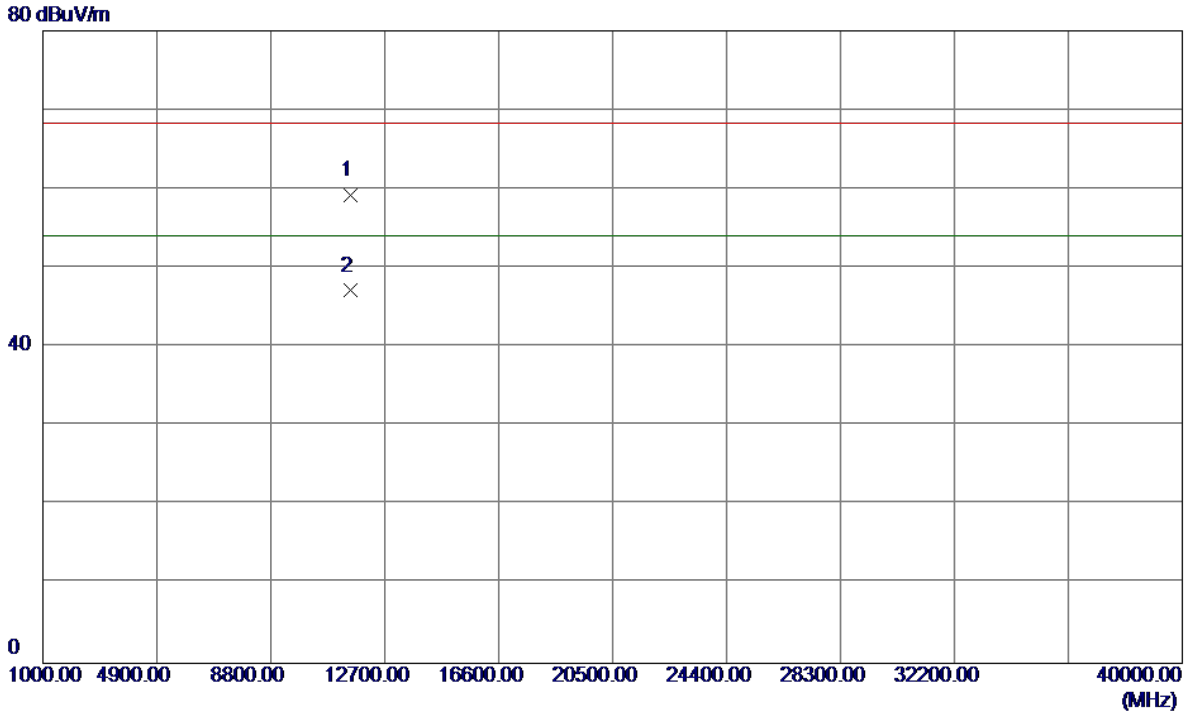
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.02	40.54	64.56	68.30	-3.74	Peak	
2	5715.0000	7.31	40.54	47.85	68.30	-20.45	AVG	
3	5725.0000	23.02	40.59	63.61	78.30	-14.69	Peak	
4	5725.0000	9.97	40.59	50.56	68.30	-17.74	AVG	
5	5742.8000	61.43	40.68	102.11	78.30	23.81	Peak	No Limit
6	5758.0000	50.00	40.76	90.76	68.30	22.46	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

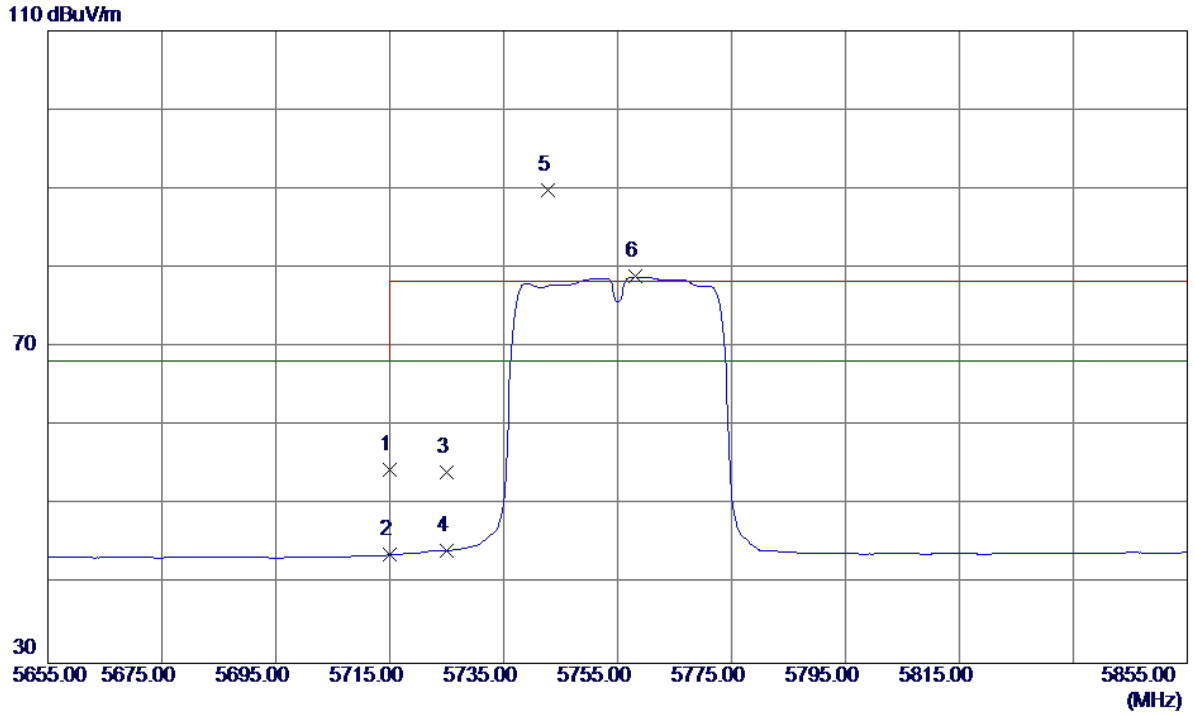
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11509.4000	42.20	16.95	59.15	68.30	-9.15	Peak	
2	11511.5000	30.17	16.95	47.12	54.00	-6.88	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

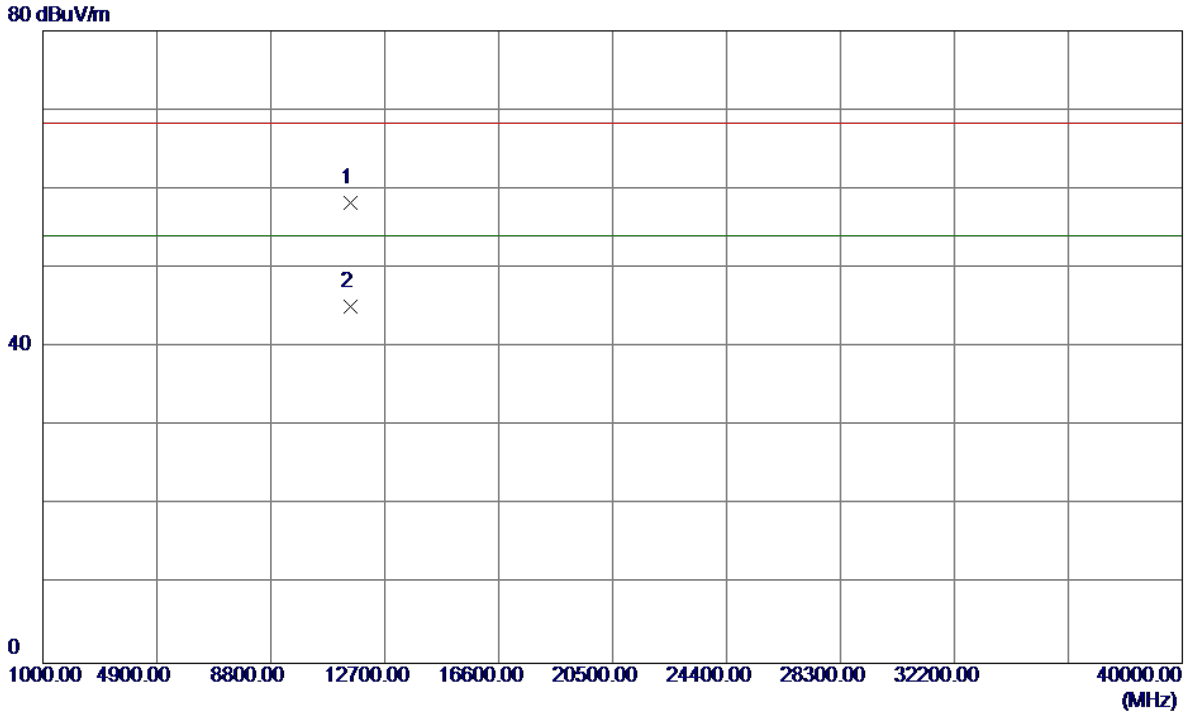
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.95	40.54	54.49	68.30	-13.81	Peak	
2	5715.0000	3.17	40.54	43.71	68.30	-24.59	AVG	
3	5725.0000	13.53	40.59	54.12	78.30	-24.18	Peak	
4	5725.0000	3.65	40.59	44.24	68.30	-24.06	AVG	
5	5742.8000	49.16	40.68	89.84	78.30	11.54	Peak	No Limit
6	5758.2000	38.13	40.76	78.89	68.30	10.59	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

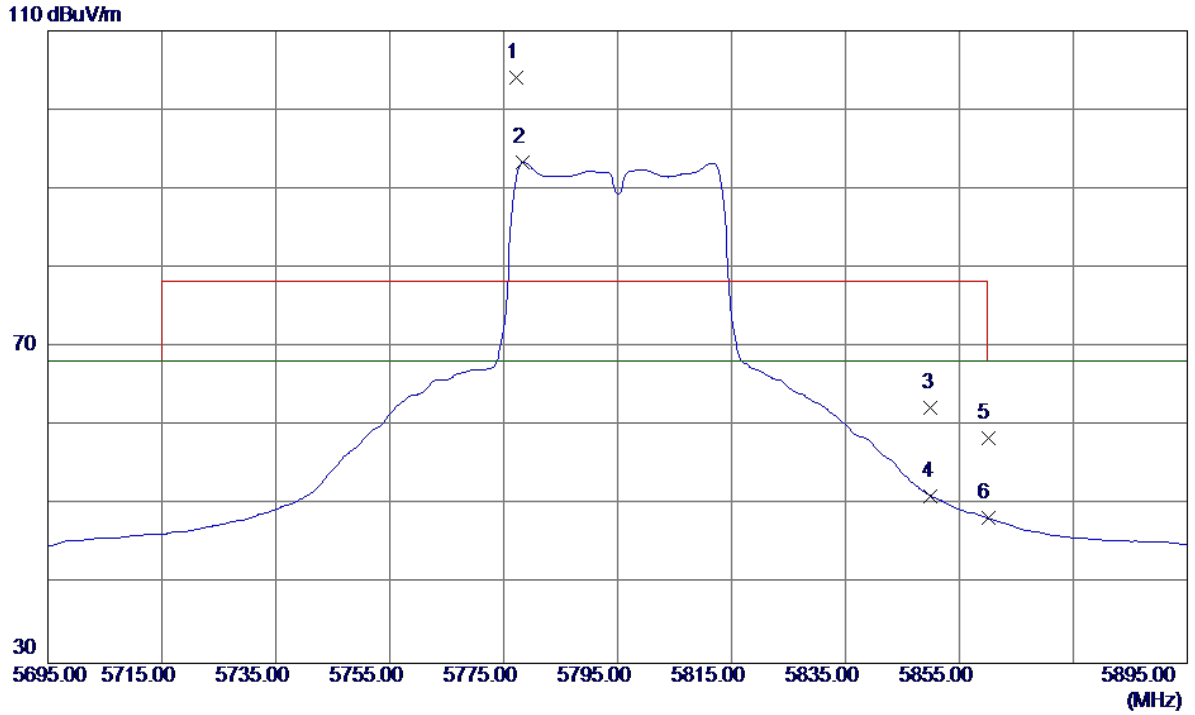
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.4000	41.24	16.95	58.19	68.30	-10.11	Peak	
2	11511.5000	28.15	16.95	45.10	54.00	-8.90	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

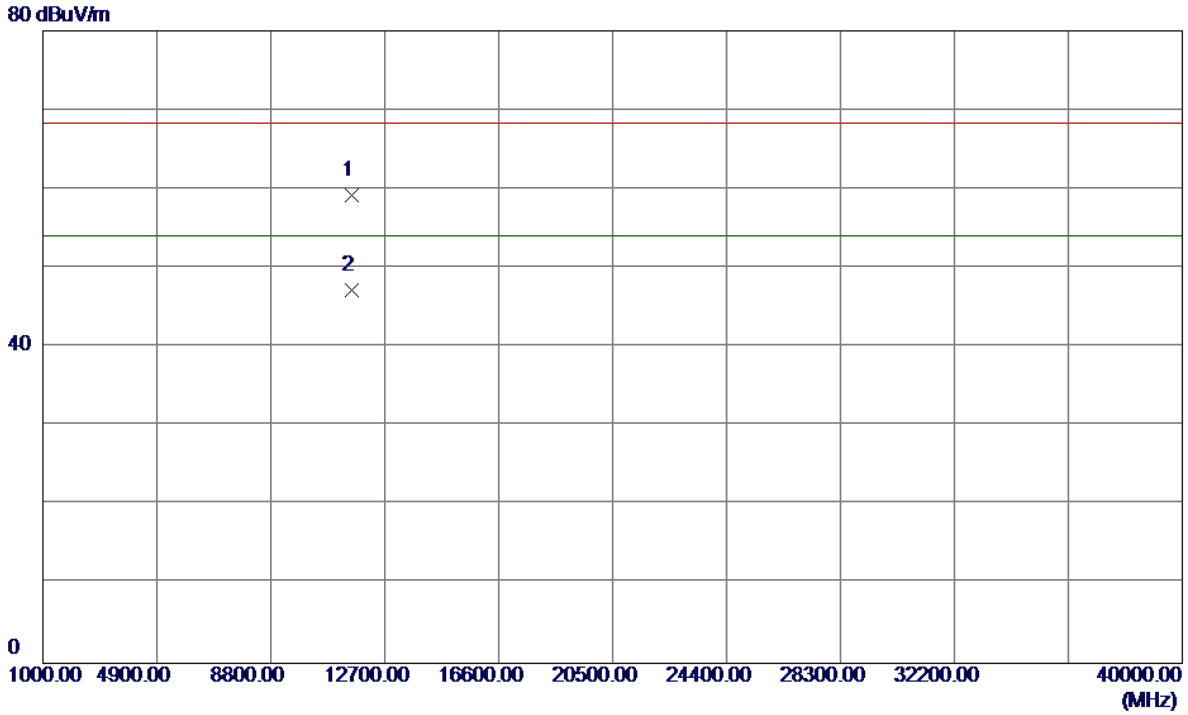
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5777.2000	63.20	40.86	104.06	78.30	25.76	Peak	No Limit
2	5778.4000	52.48	40.87	93.35	68.30	25.05	AVG	No Limit
3	5850.0000	21.09	41.23	62.32	78.30	-15.98	Peak	
4	5850.0000	9.90	41.23	51.13	68.30	-17.17	AVG	
5	5860.0000	17.27	41.28	58.55	78.30	-19.75	Peak	
6	5860.0000	7.07	41.28	48.35	68.30	-19.95	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

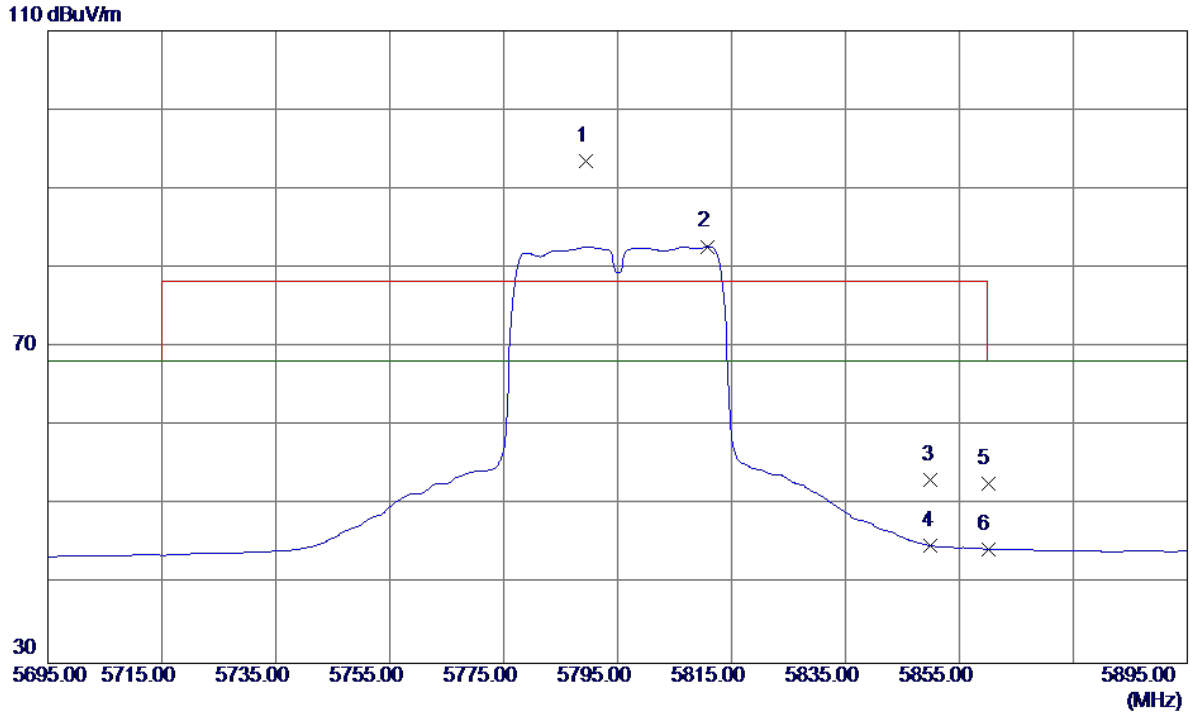
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.3200	42.15	17.08	59.23	68.30	-9.07	Peak	
2	11591.0500	30.12	17.08	47.20	54.00	-6.80	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

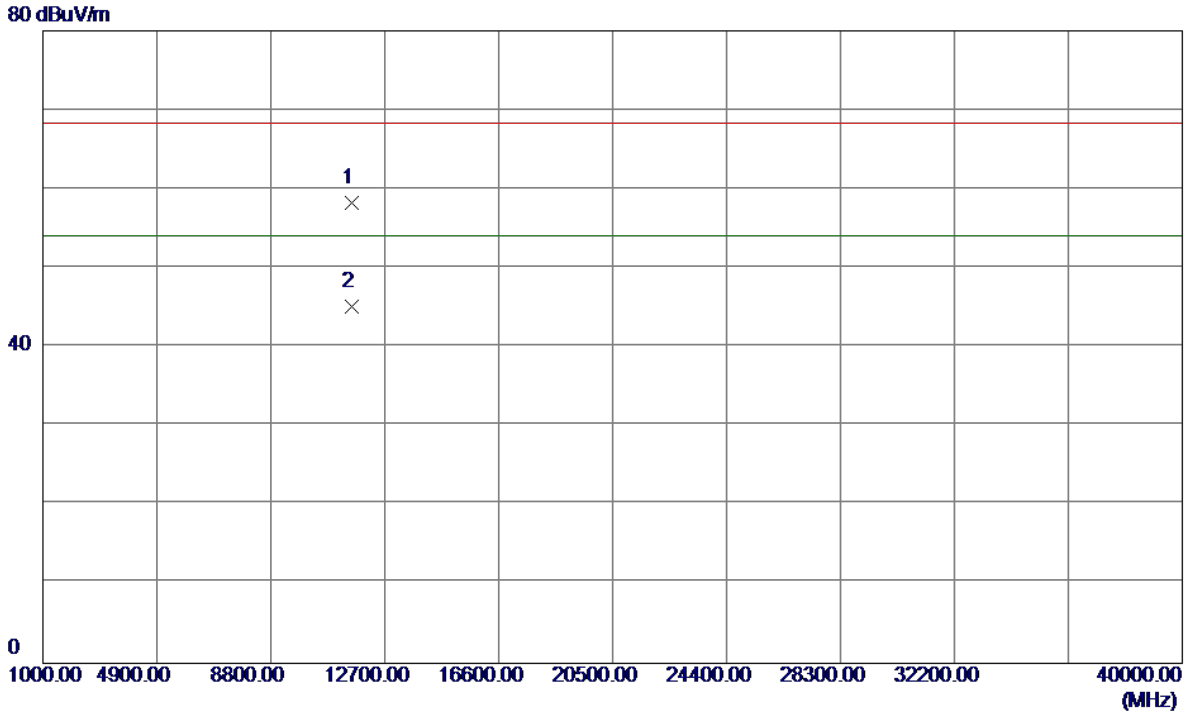
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5789.4000	52.58	40.92	93.50	78.30	15.20	Peak	No Limit
2	5810.8000	41.69	41.03	82.72	68.30	14.42	AVG	No Limit
3	5850.0000	11.94	41.23	53.17	78.30	-25.13	Peak	
4	5850.0000	3.63	41.23	44.86	68.30	-23.44	AVG	
5	5860.0000	11.38	41.28	52.66	78.30	-25.64	Peak	
6	5860.0000	3.16	41.28	44.44	68.30	-23.86	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

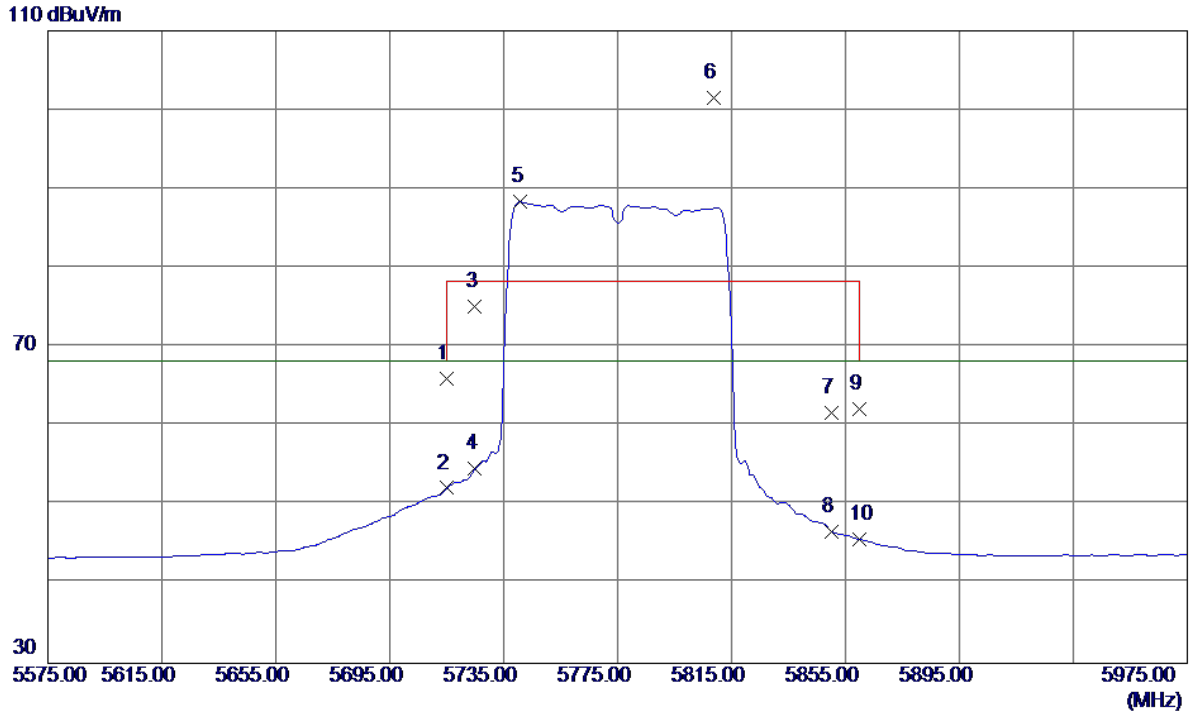
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.0900	41.19	17.08	58.27	68.30	-10.03	Peak	
2	11590.4800	28.10	17.08	45.18	54.00	-8.82	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

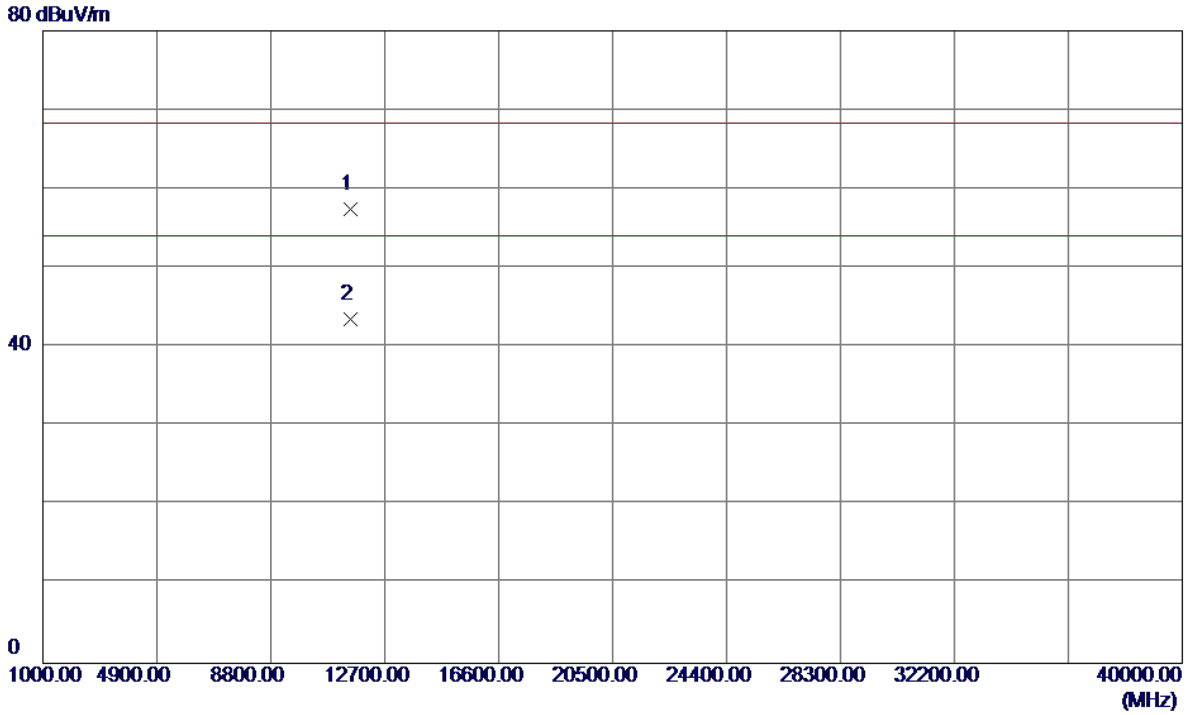
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	23.02	43.04	66.06	68.30	-2.24	Peak	
2	5715.0000	9.12	43.04	52.16	68.30	-16.14	AVG	
3	5725.0000	31.99	43.06	75.05	78.30	-3.25	Peak	
4	5725.0000	11.64	43.06	54.70	68.30	-13.60	AVG	
5	5741.0000	45.26	43.09	88.35	68.30	20.05	AVG	No Limit
6	5808.6000	58.29	43.24	101.53	78.30	23.23	Peak	No Limit
7	5850.0000	18.39	43.34	61.73	78.30	-16.57	Peak	
8	5850.0000	3.36	43.34	46.70	68.30	-21.60	AVG	
9	5860.0000	18.78	43.36	62.14	78.30	-16.16	Peak	
10	5860.0000	2.28	43.36	45.64	68.30	-22.66	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

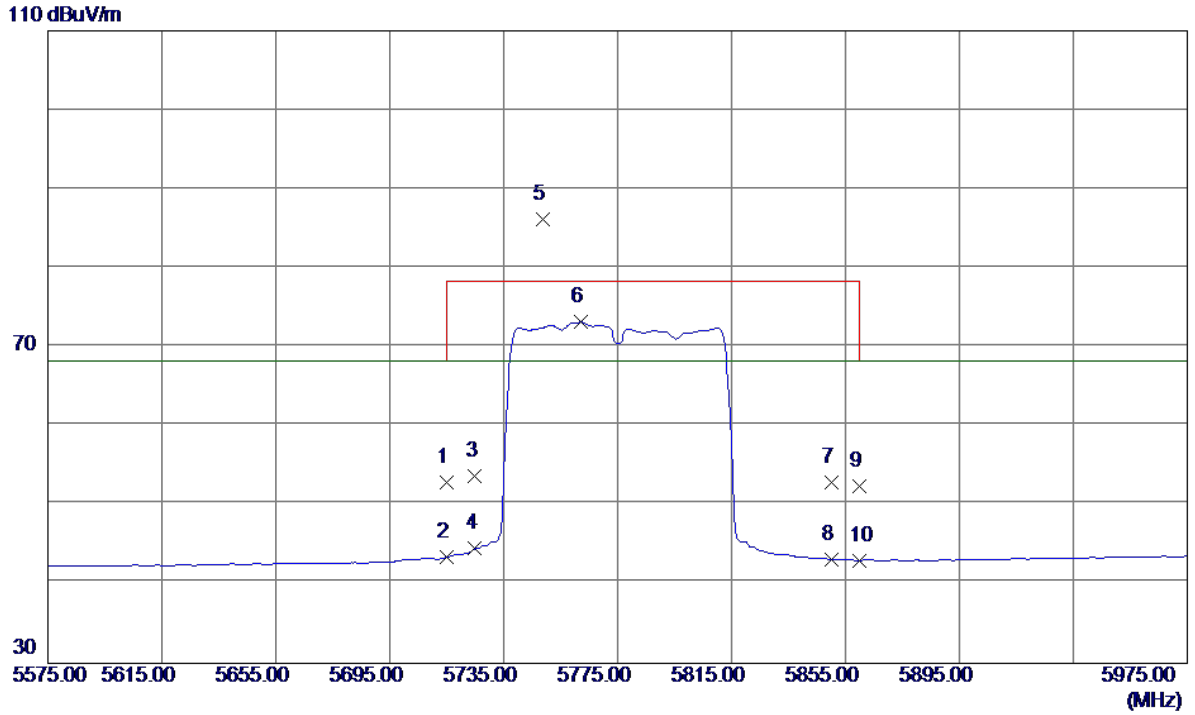
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11549.9900	40.47	17.01	57.48	68.30	-10.82	Peak	
2	11549.9900	26.52	17.01	43.53	54.00	-10.47	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

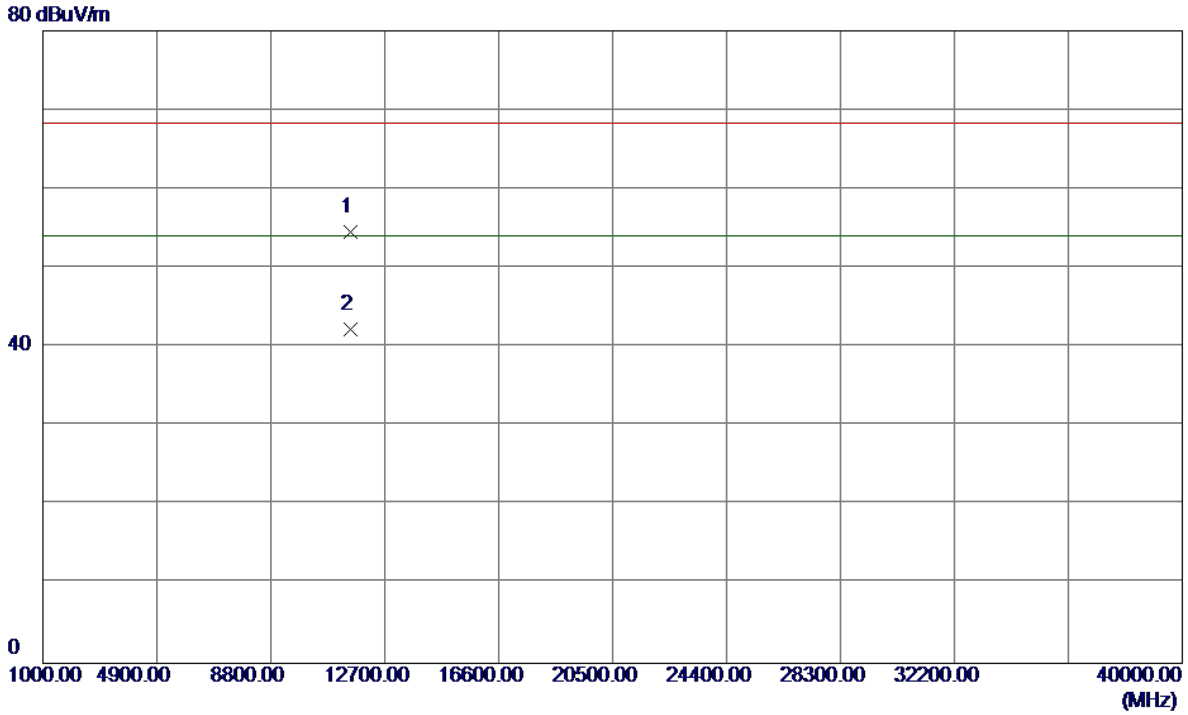
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	9.81	43.04	52.85	68.30	-15.45	Peak	
2	5715.0000	0.39	43.04	43.43	68.30	-24.87	AVG	
3	5725.0000	10.60	43.06	53.66	78.30	-24.64	Peak	
4	5725.0000	1.43	43.06	44.49	68.30	-23.81	AVG	
5	5748.6000	43.03	43.11	86.14	78.30	7.84	Peak	No Limit
6	5762.2000	29.99	43.14	73.13	68.30	4.83	AVG	No Limit
7	5850.0000	9.52	43.34	52.86	78.30	-25.44	Peak	
8	5850.0000	-0.24	43.34	43.10	68.30	-25.20	AVG	
9	5860.0000	9.00	43.36	52.36	78.30	-25.94	Peak	
10	5860.0000	-0.33	43.36	43.03	68.30	-25.27	AVG	

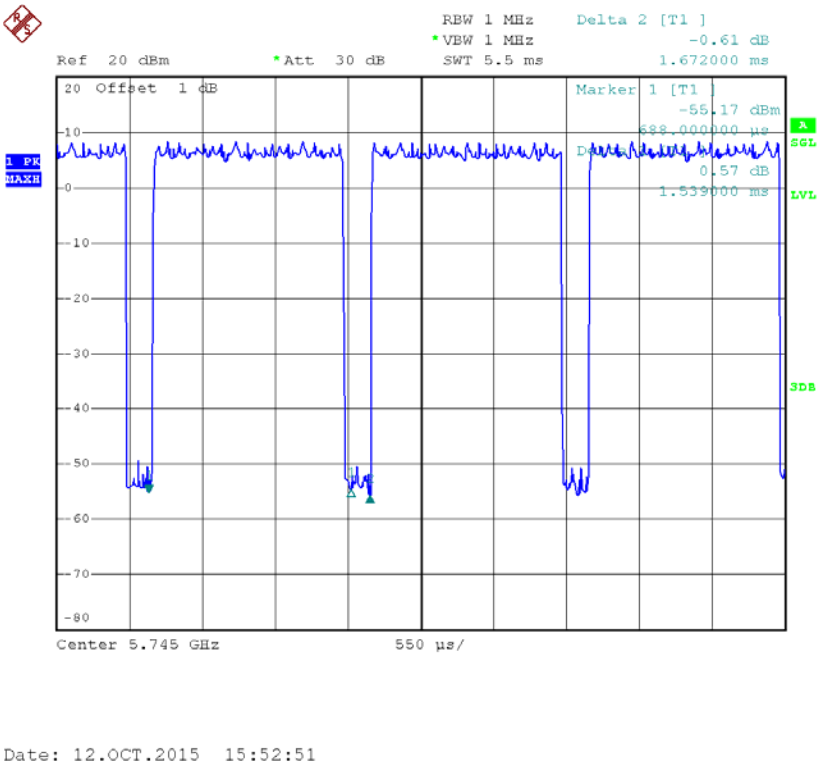
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11550.0000	37.49	17.01	54.50	68.30	-13.80	Peak	
2	11550.0199	25.23	17.01	42.24	54.00	-11.76	AVG	

TX A Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 1.54 msec

T_{Total}: 1.67 msec

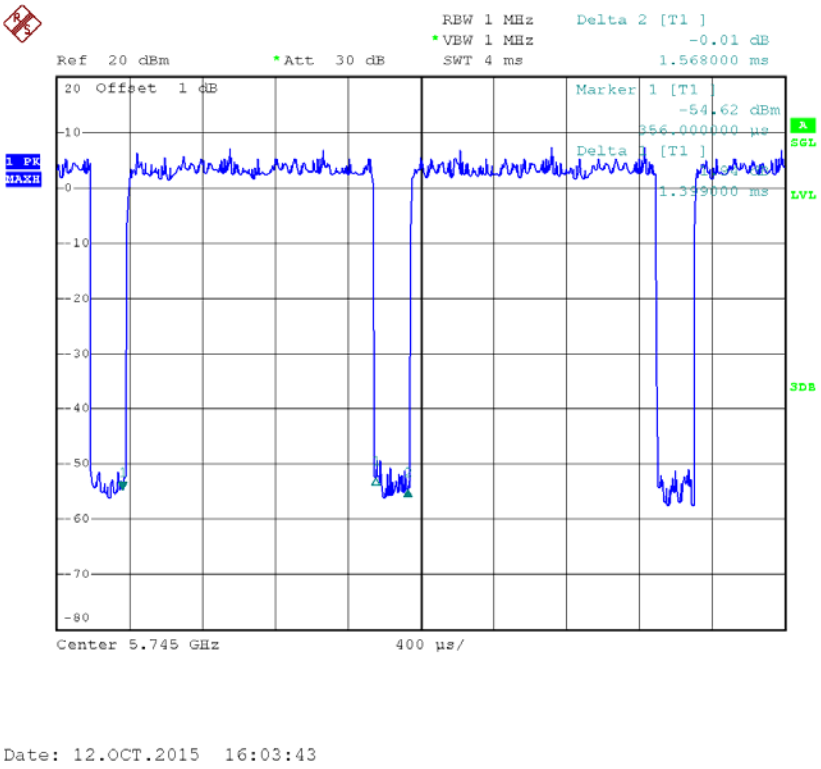
Duty cycle: 92.22%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.35

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N20 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 1.40 msec

T_{Total}: 1.57 msec

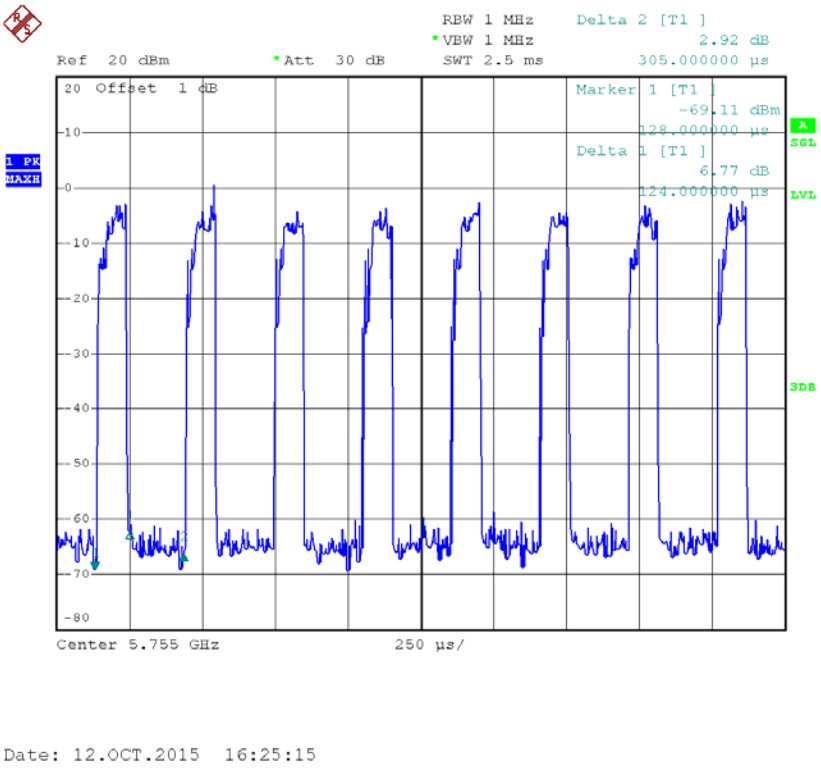
Duty cycle: 89.17%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.50

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N40 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 0.12 msec

T_{Total}: 0.30 msec

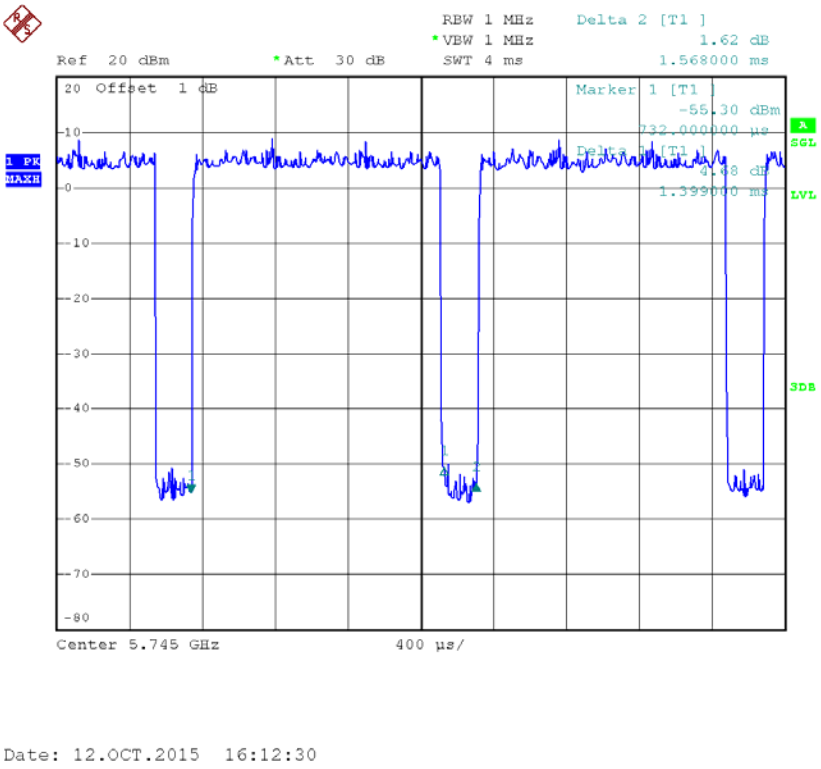
Duty cycle: 40.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 3.98

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC20 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 1.40 msec

T_{Total}: 1.57 msec

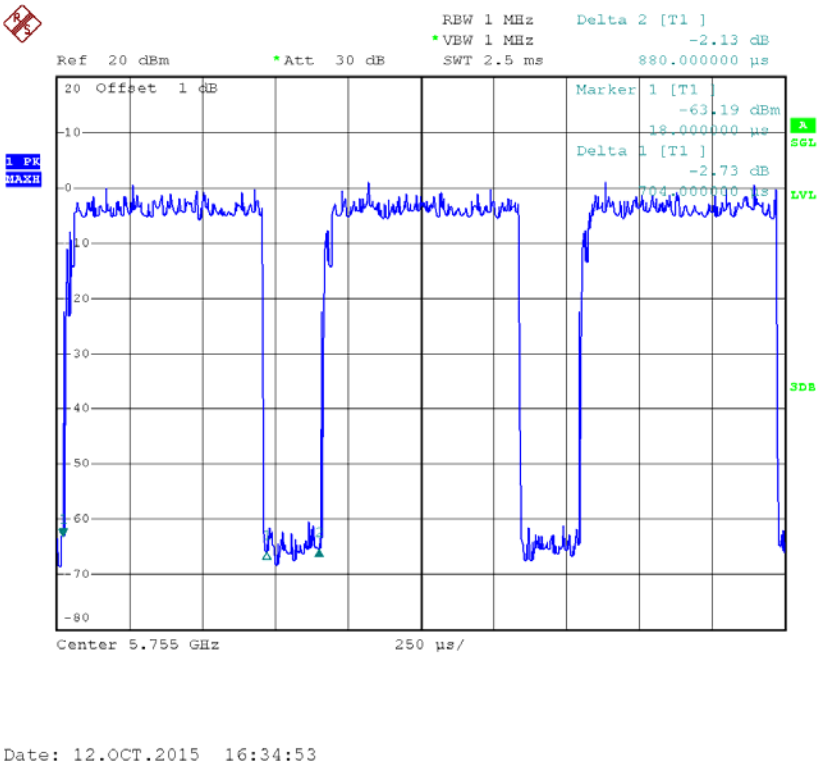
Duty cycle: 89.17%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.50

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC40 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 0.70 msec

T_{Total}: 0.88 msec

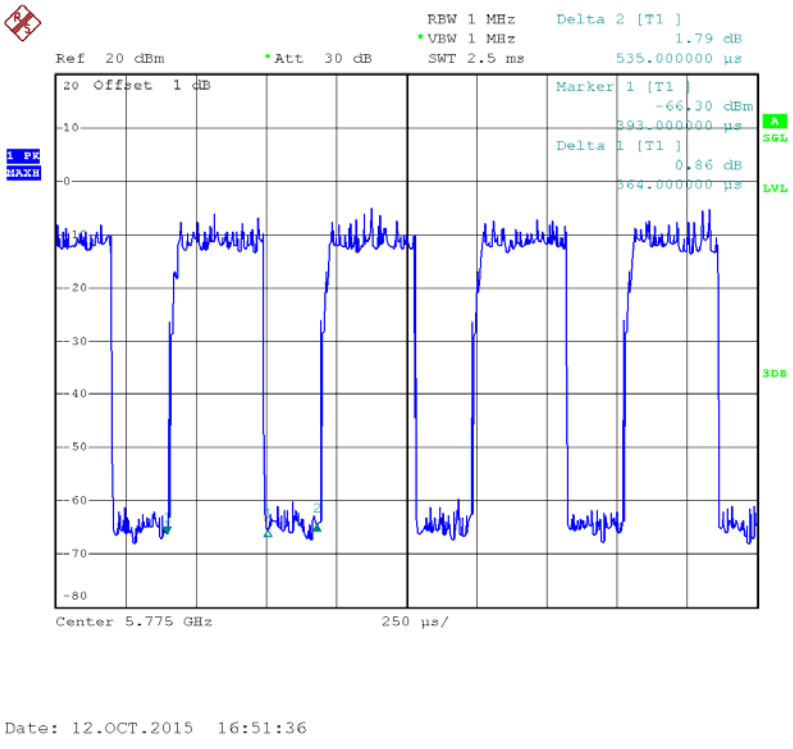
Duty cycle: 79.55%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.99

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC80 Mode_DUTY CYCLE



Date: 12.OCT.2015 16:51:36

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 0.36 msec

T_{Total}: 0.54 msec

Duty cycle: 66.67%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.76

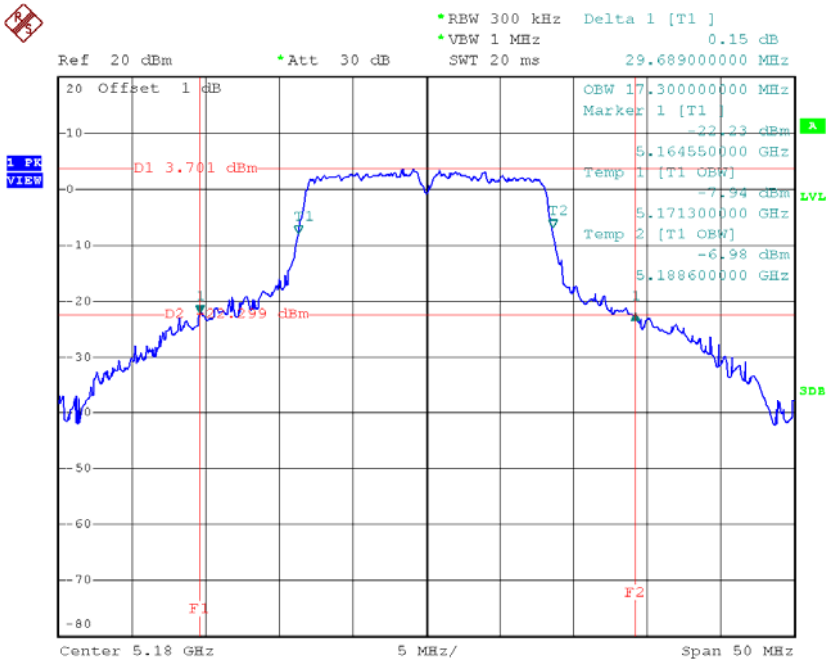
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E - BANDWIDTH

Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48

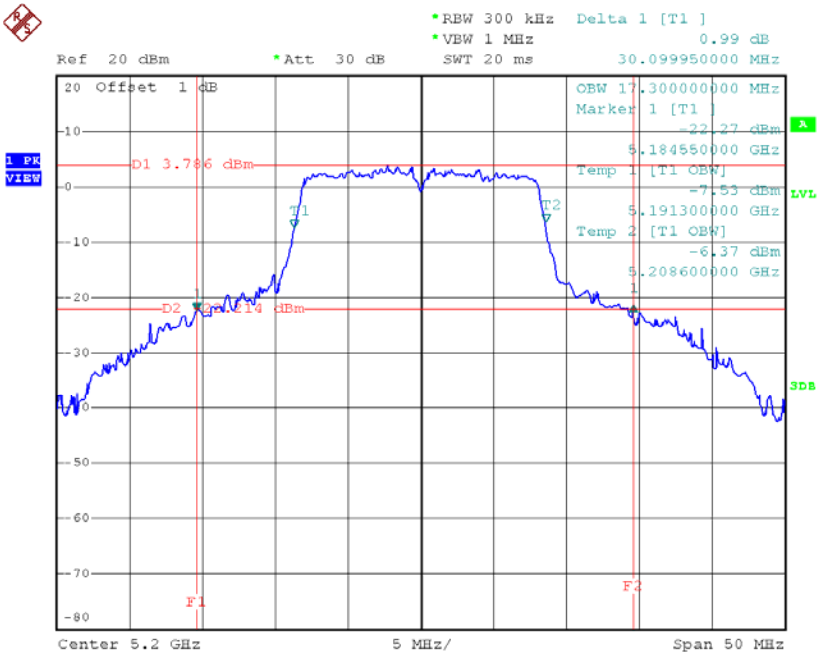
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	29.69	17.30
CH40	5200	30.10	17.30
CH48	5240	27.99	17.10

TX CH36



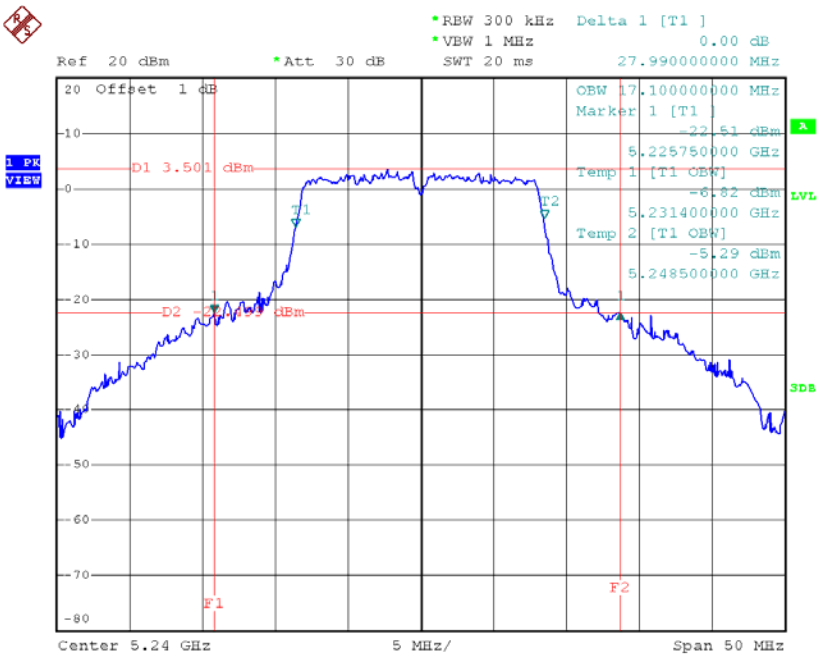
Date: 12.OCT.2015 15:48:01

TX CH40



Date: 12.OCT.2015 15:49:26

TX CH48

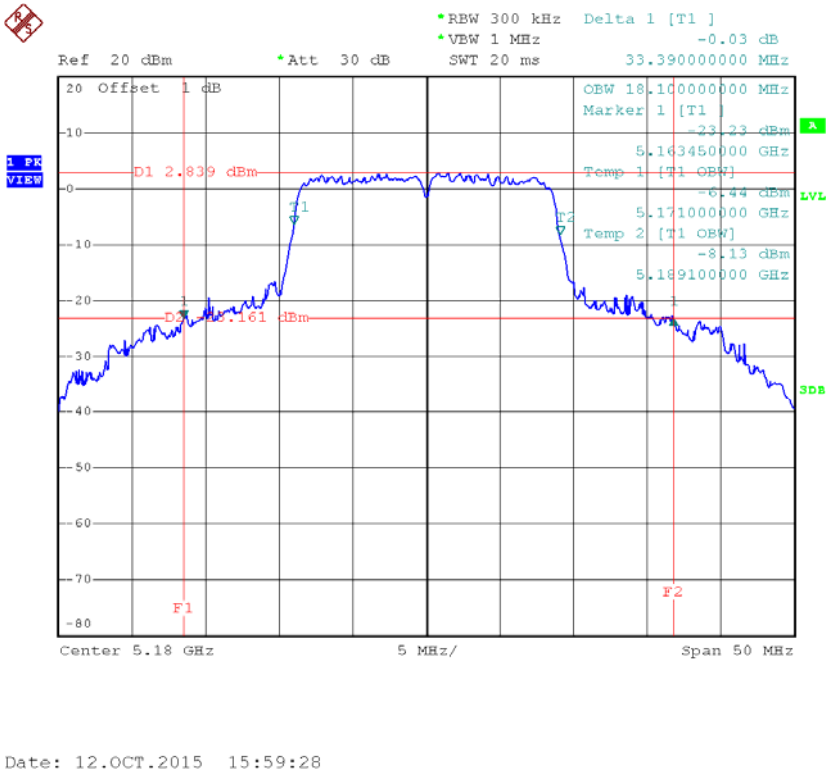


Date: 12.OCT.2015 15:50:33

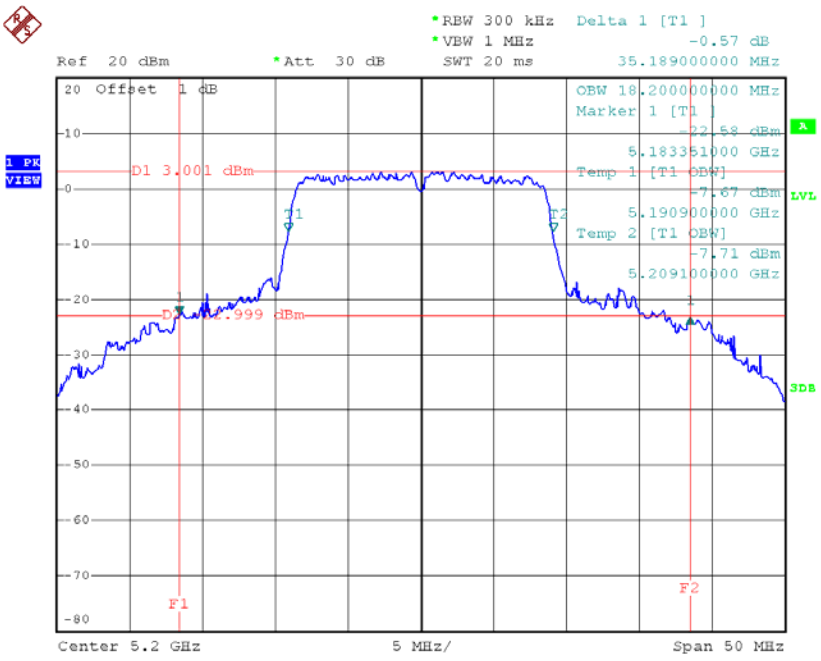
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	33.39	18.10
CH40	5200	35.19	18.20
CH48	5240	33.79	18.20

TX CH36

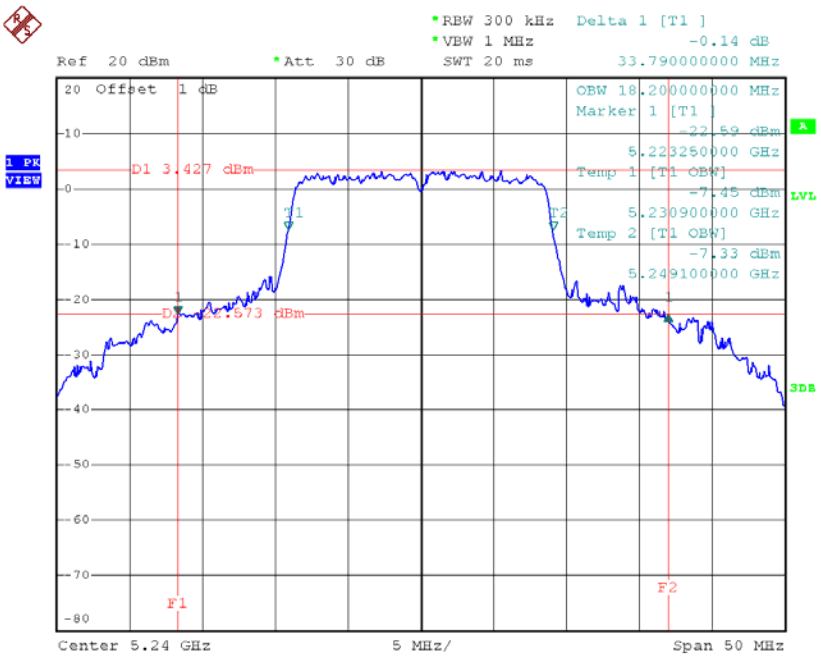


TX CH40



Date: 12.OCT.2015 16:00:45

TX CH48

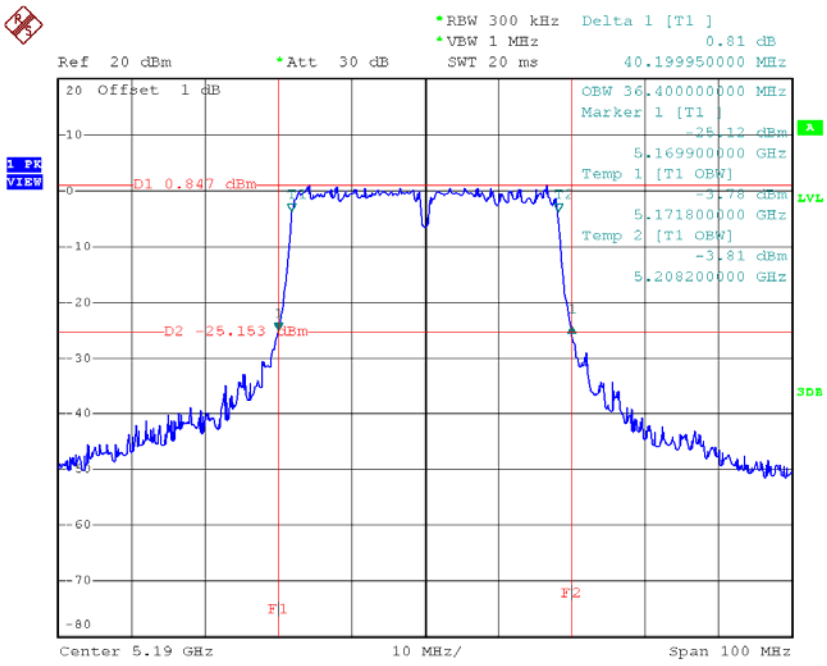


Date: 12.OCT.2015 16:01:39

Test Mode: UNII-1/TX N40 Mode_CH38/CH46

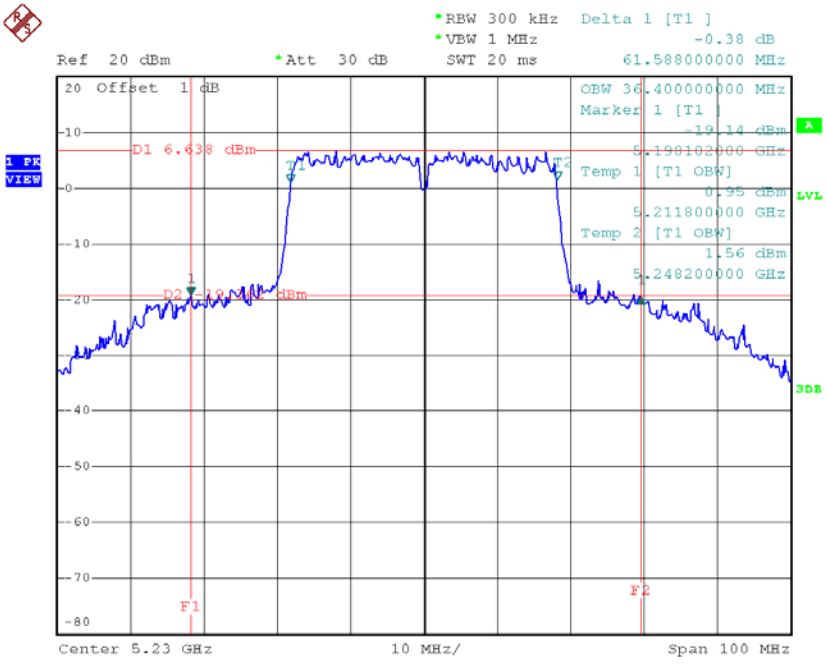
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.20	36.40
CH46	5230	61.59	36.40

TX CH38



Date: 27.OCT.2015 10:04:03

TX CH46

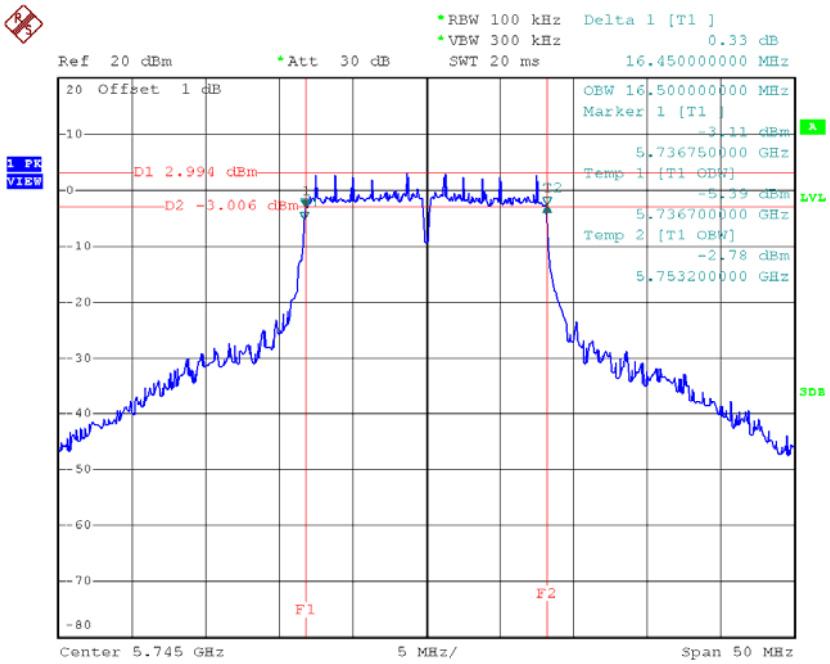


Date: 27.OCT.2015 10:06:58

Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH165

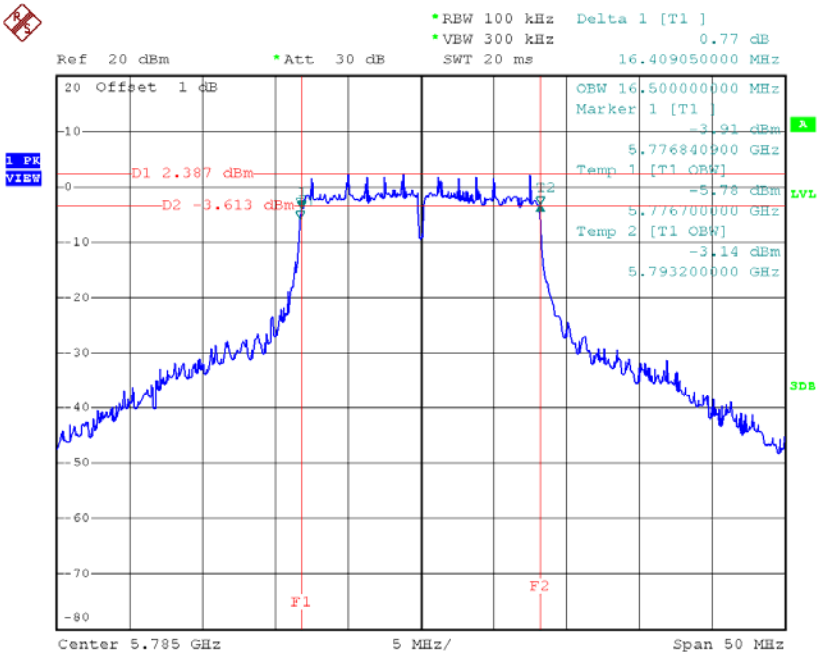
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.45	16.50	>=500
CH157	5785	16.41	16.50	>=500
CH165	5825	16.45	16.50	>=500

TX CH 149



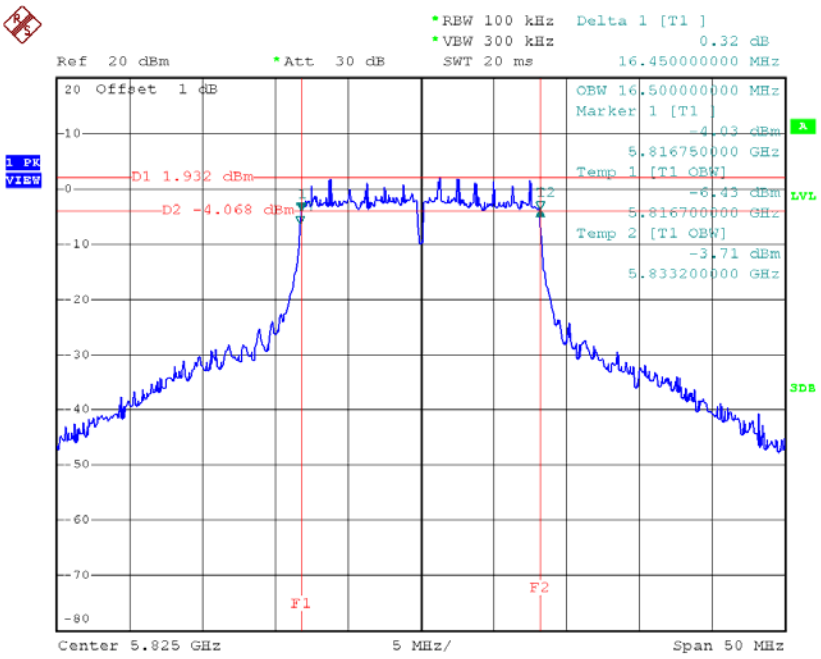
Date: 12.OCT.2015 15:52:18

TX CH 157



Date: 12.OCT.2015 15:55:18

TX CH 165

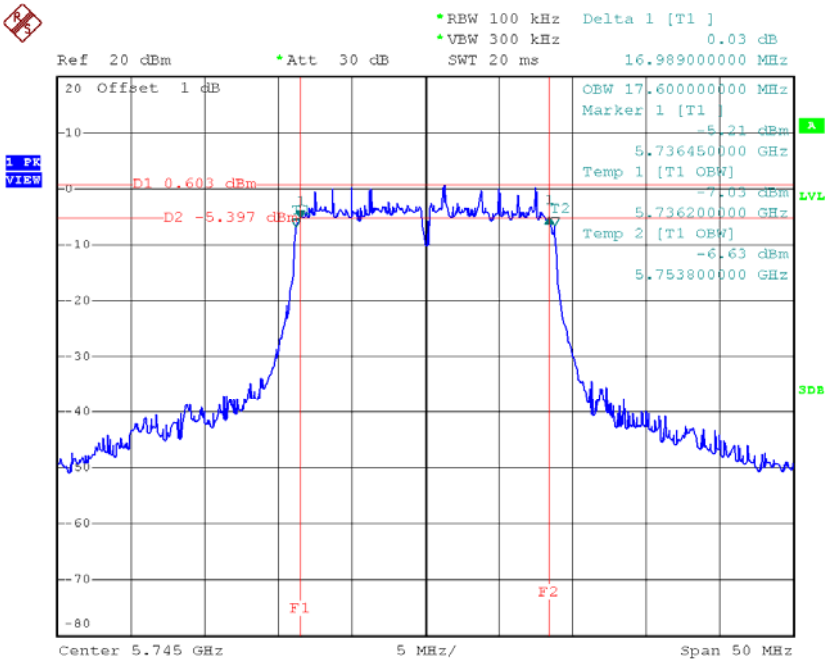


Date: 12.OCT.2015 15:56:23

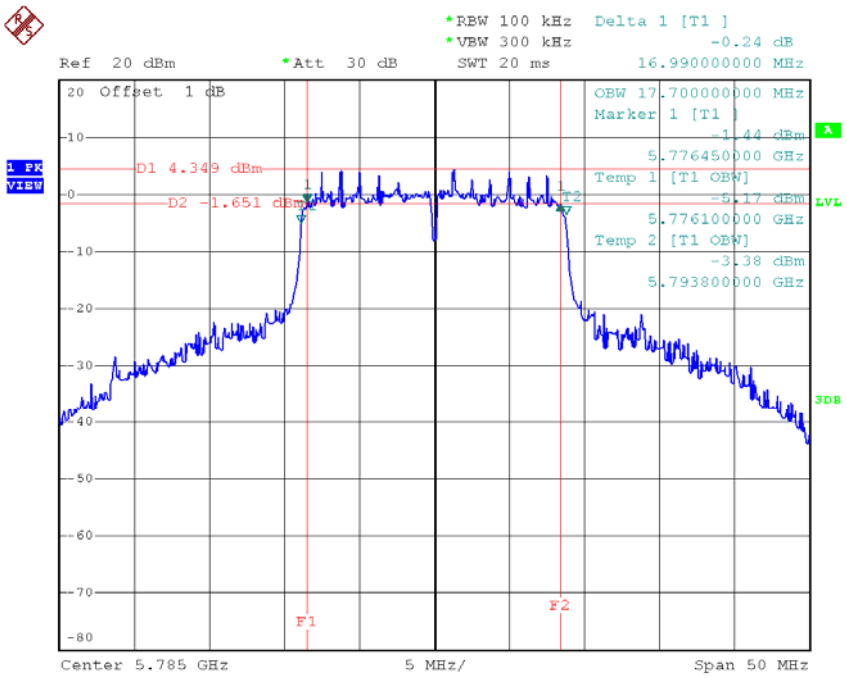
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.99	17.60	>=500
CH157	5785	16.99	17.70	>=500
CH165	5825	16.99	17.60	>=500

TX CH 149

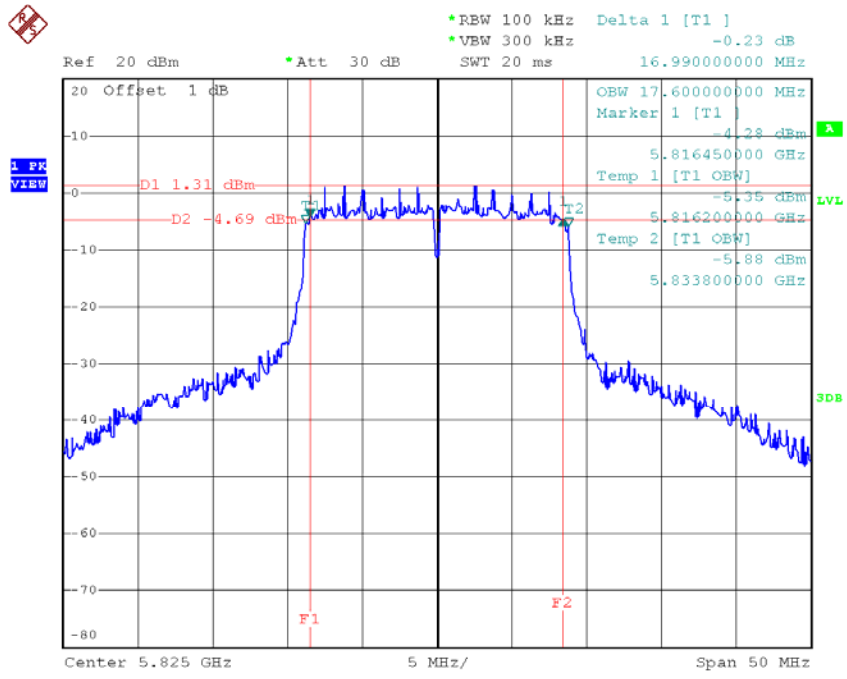


TX CH 157



Date: 12.OCT.2015 16:05:02

TX CH 165

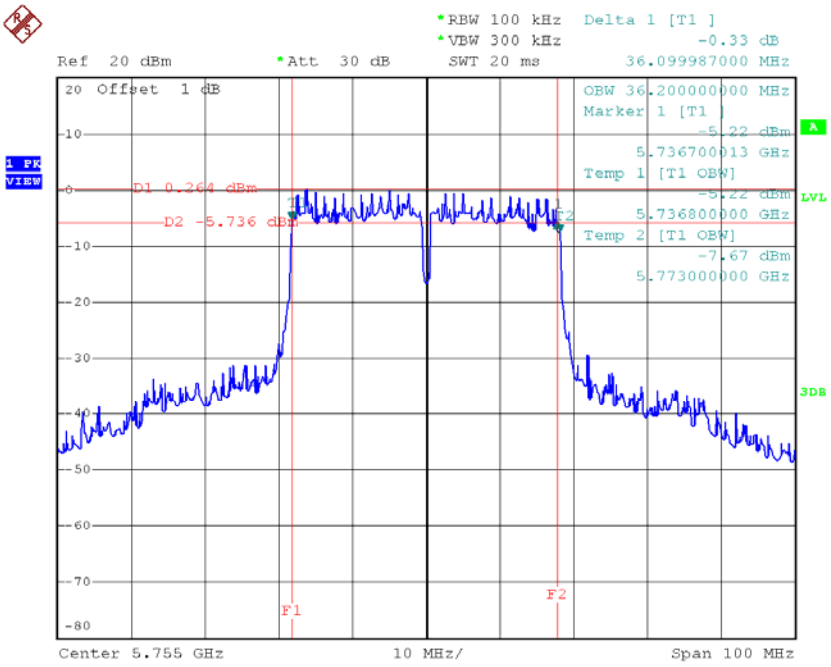


Date: 12.OCT.2015 16:06:02

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

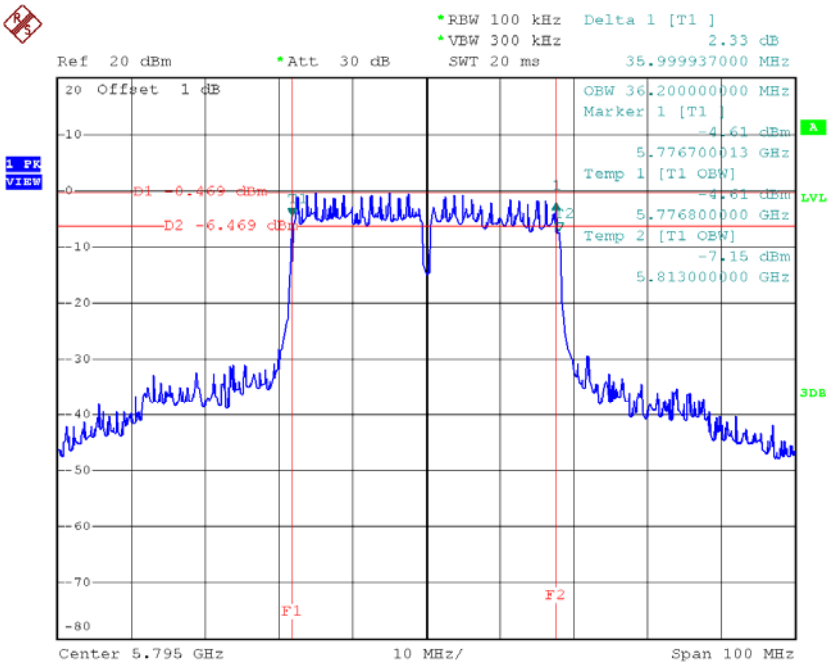
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.10	36.20	>=500
CH159	5795	36.00	36.20	>=500

TX CH 151



Date: 12.OCT.2015 16:22:26

TX CH 159

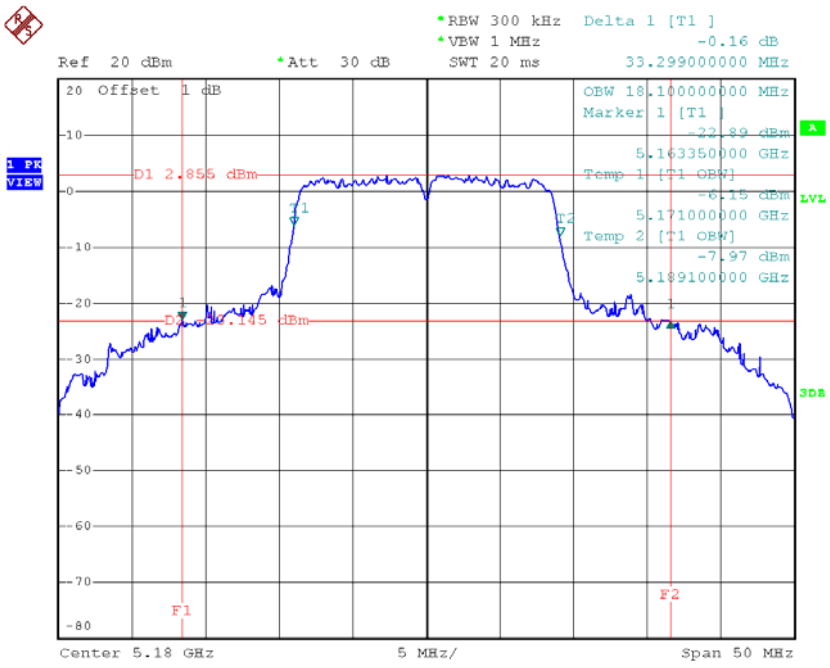


Date: 12.OCT.2015 16:26:17

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

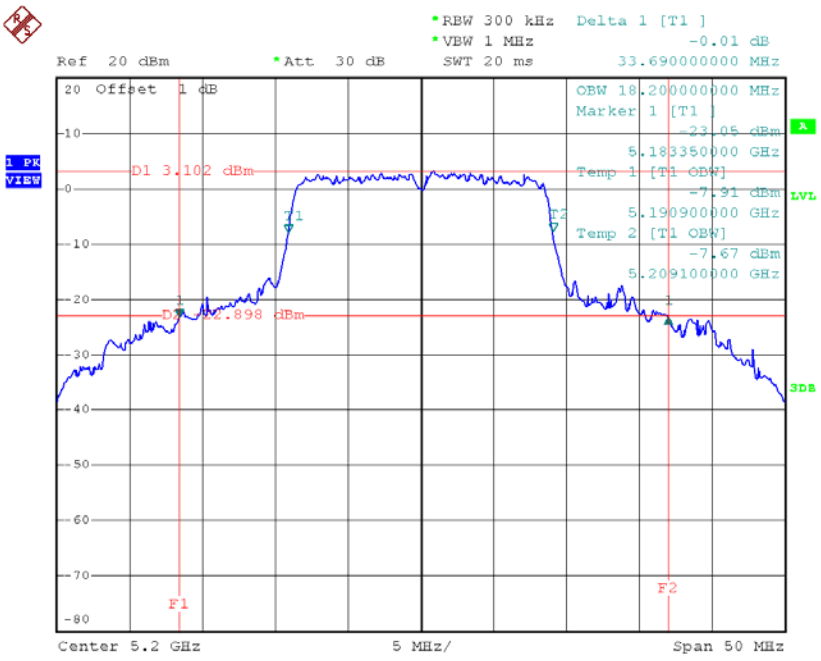
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	33.30	18.10
CH40	5200	33.69	18.20
CH48	5240	36.60	18.50

TX CH36



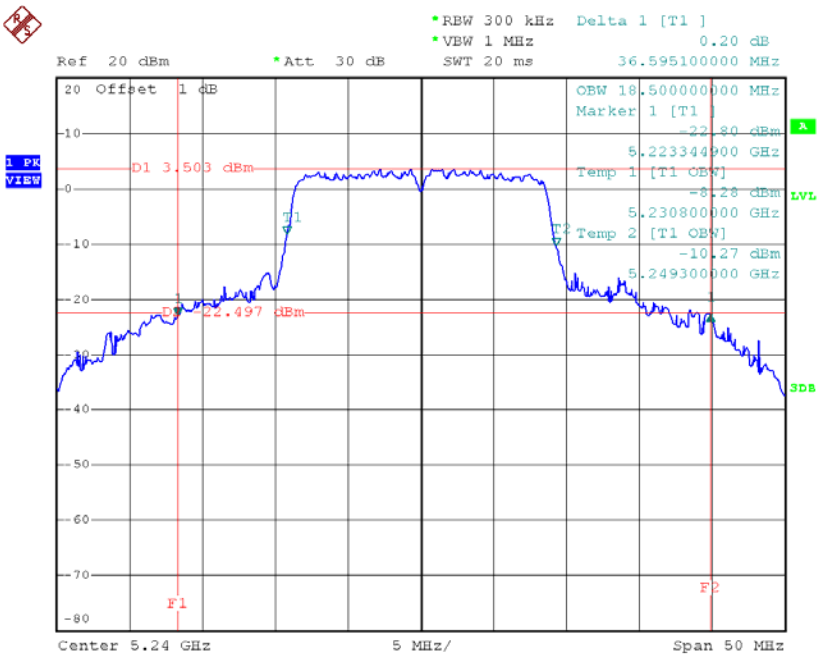
Date: 12.OCT.2015 16:08:17

TX CH40



Date: 12.OCT.2015 16:09:47

TX CH48

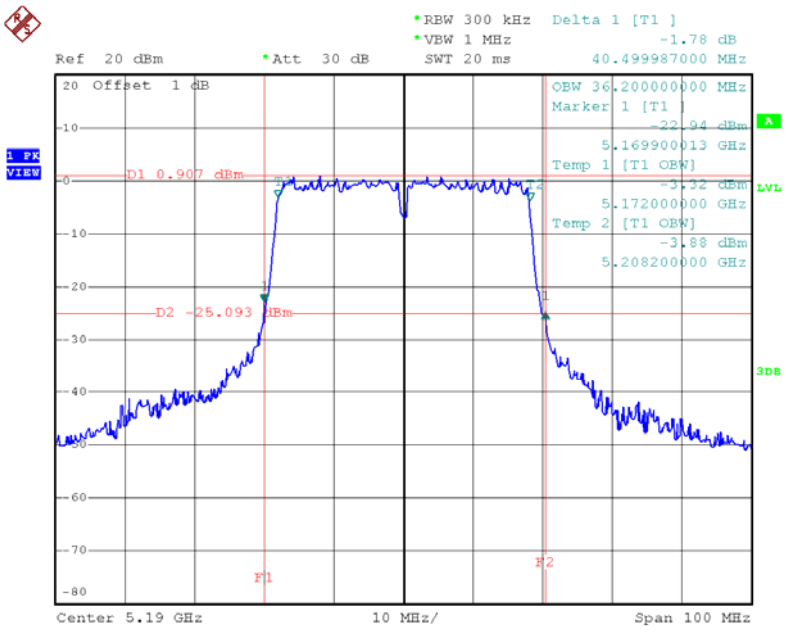


Date: 12.OCT.2015 16:10:44

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46

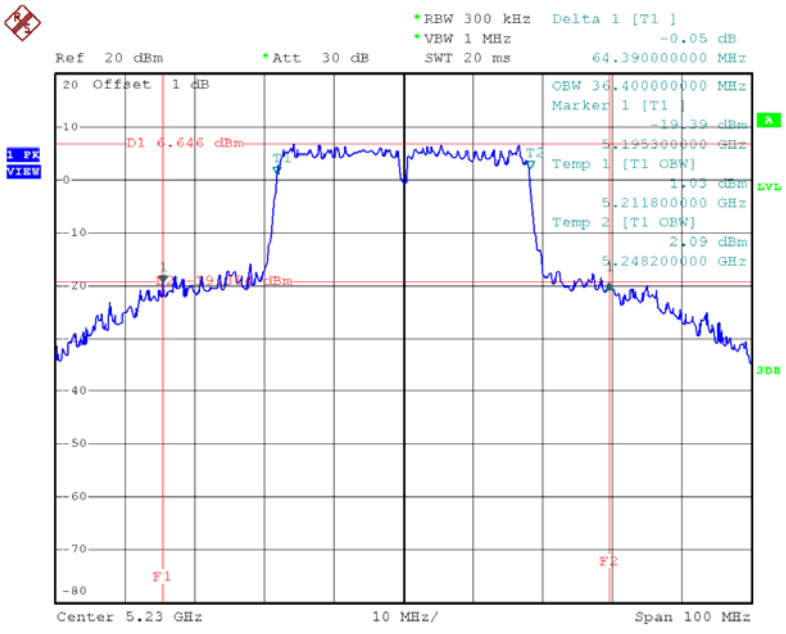
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.50	36.20
CH46	5230	64.39	36.40

TX CH38



Date: 27.OCT.2015 10:10:07

TX CH46

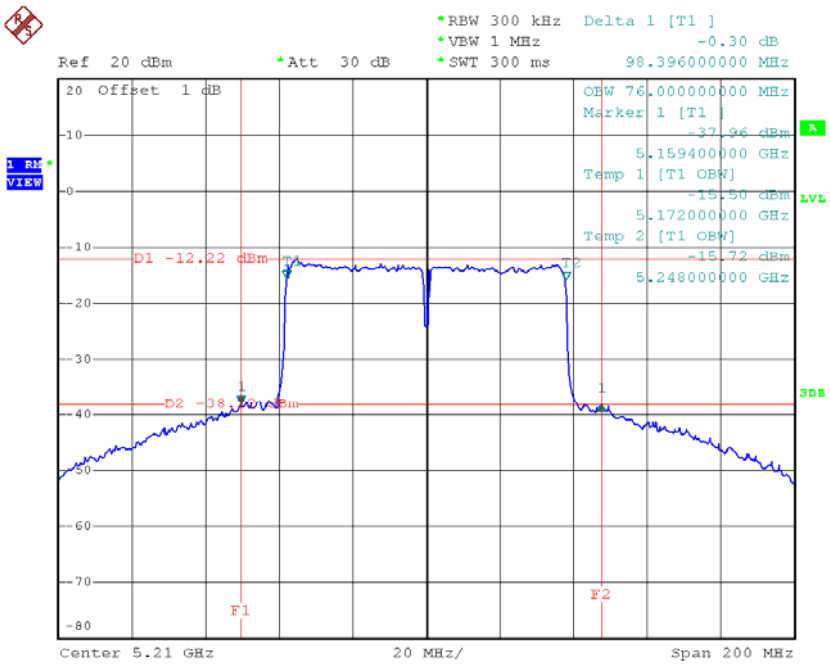


Date: 27.OCT.2015 10:12:57

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	98.40	76.00

TX CH42

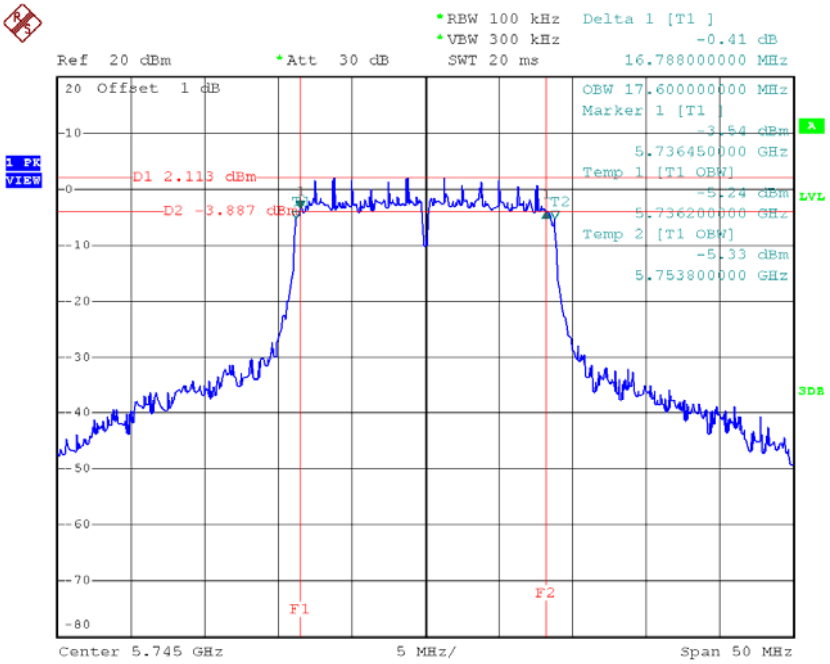


Date: 12.OCT.2015 16:45:13

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

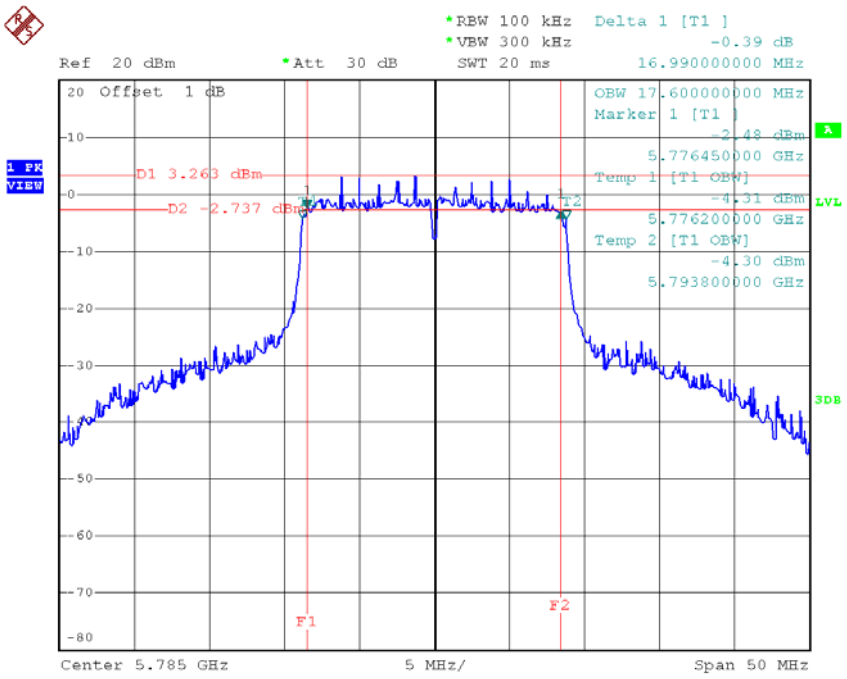
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.79	17.60	>=500
CH157	5785	16.99	17.60	>=500
CH165	5825	16.99	17.60	>=500

TX CH 149



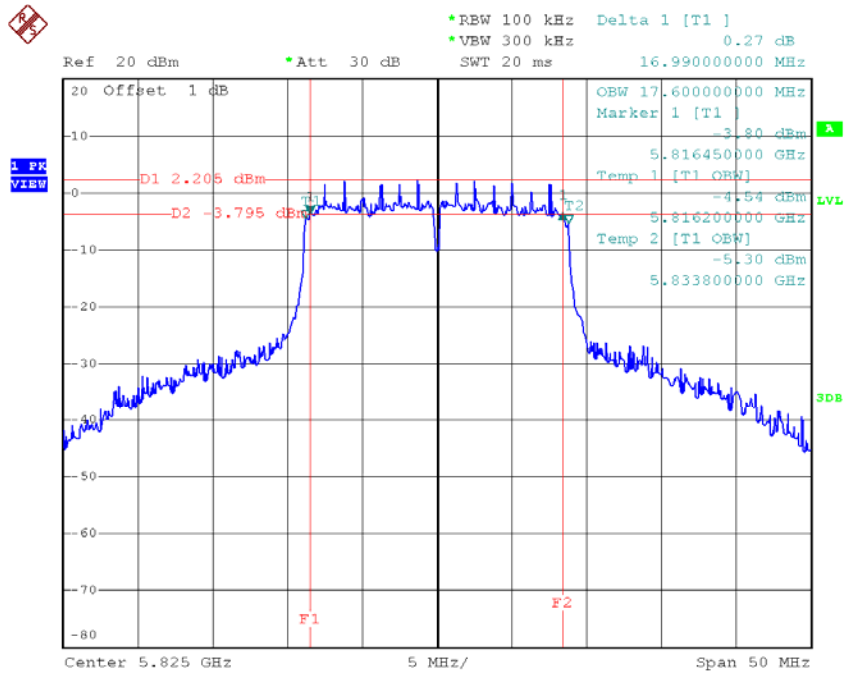
Date: 12.OCT.2015 16:12:03

TX CH 157



Date: 12.OCT.2015 16:13:31

TX CH 165

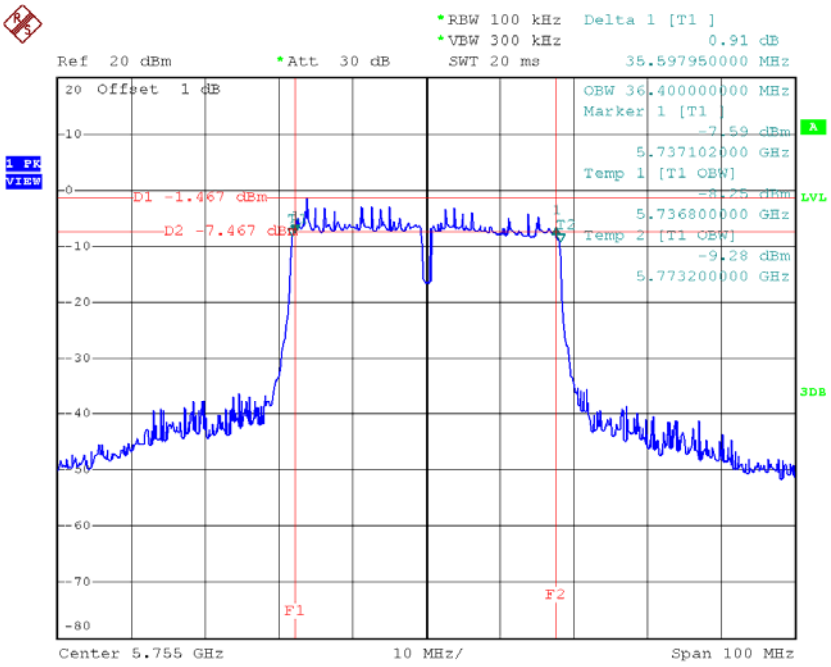


Date: 12.OCT.2015 16:14:30

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

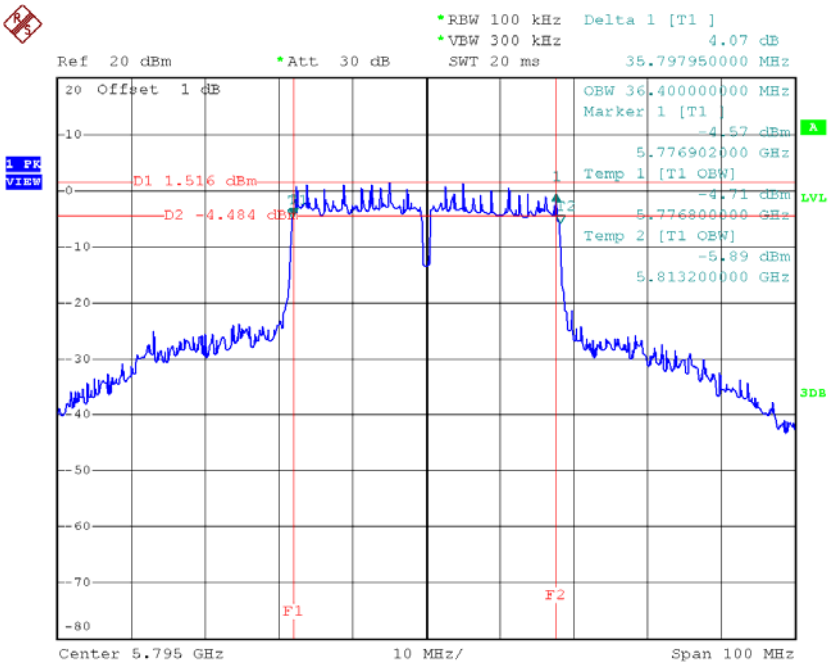
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.60	36.40	>=500
CH159	5795	35.80	36.40	>=500

TX CH 151



Date: 12.OCT.2015 16:34:33

TX CH 159

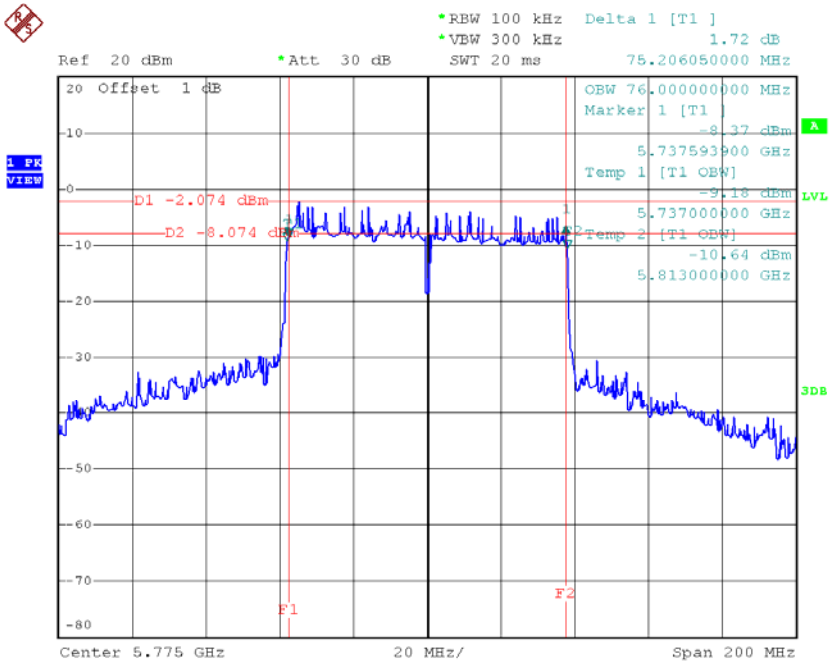


Date: 12.OCT.2015 16:37:44

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	75.21	76.00	>=500

TX CH 155



ATTACHMENT F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	13.86	0.35	14.21	30.00	1.00
CH40	5200	13.91	0.35	14.26	30.00	1.00
CH48	5240	13.61	0.35	13.96	30.00	1.00

Test Mode: UNII-1/TX N20 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	13.72	0.50	14.22	30.00	1.00
CH40	5200	13.69	0.50	14.19	30.00	1.00
CH48	5240	13.90	0.50	14.40	30.00	1.00

Test Mode: UNII-1/TX N40 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	9.35	3.98	13.33	30.00	1.00
CH46	5230	13.69	3.98	17.67	30.00	1.00

Test Mode: UNII-3/ TX A Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	11.35	0.35	11.70	30.00	1.00
CH157	5785	13.80	0.35	14.15	30.00	1.00
CH165	5825	11.51	0.35	11.86	30.00	1.00

Test Mode: UNII-3/TX N20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	9.62	0.50	10.12	30.00	1.00
CH157	5785	13.77	0.50	14.27	30.00	1.00
CH165	5825	11.07	0.50	11.57	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	9.70	3.98	13.68	30.00	1.00
CH159	5795	13.73	3.98	17.71	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	13.70	0.50	14.20	30.00	1.00
CH40	5200	13.78	0.50	14.28	30.00	1.00
CH48	5240	13.70	0.50	14.20	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	10.93	0.99	11.92	30.00	1.00
CH46	5230	13.81	0.99	14.80	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	7.36	1.76	9.12	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	13.06	0.50	13.56	30.00	1.00
CH157	5785	13.89	0.50	14.39	30.00	1.00
CH165	5825	14.21	0.50	14.71	30.00	1.00

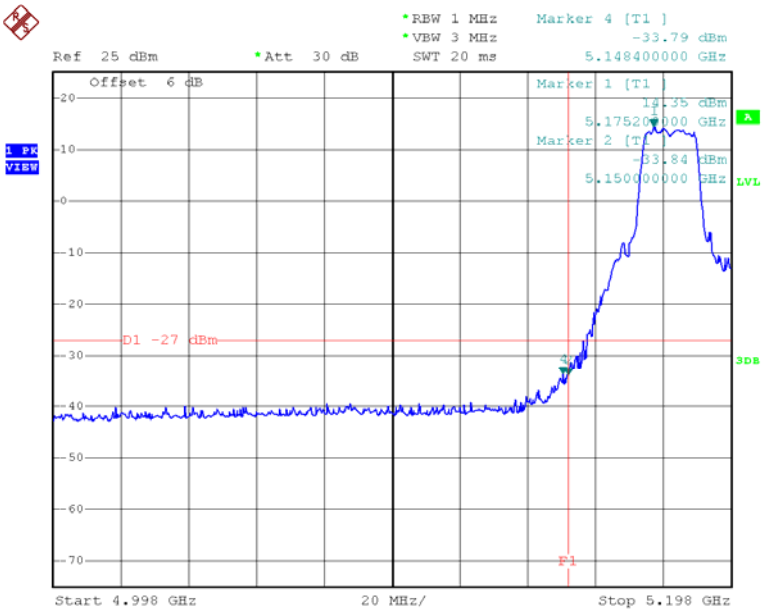
Test Mode: UNII-3/TX AC40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	7.85	0.99	8.84	30.00	1.00
CH159	5795	12.62	0.99	13.61	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	7.16	1.76	8.92	30.00	1.00

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

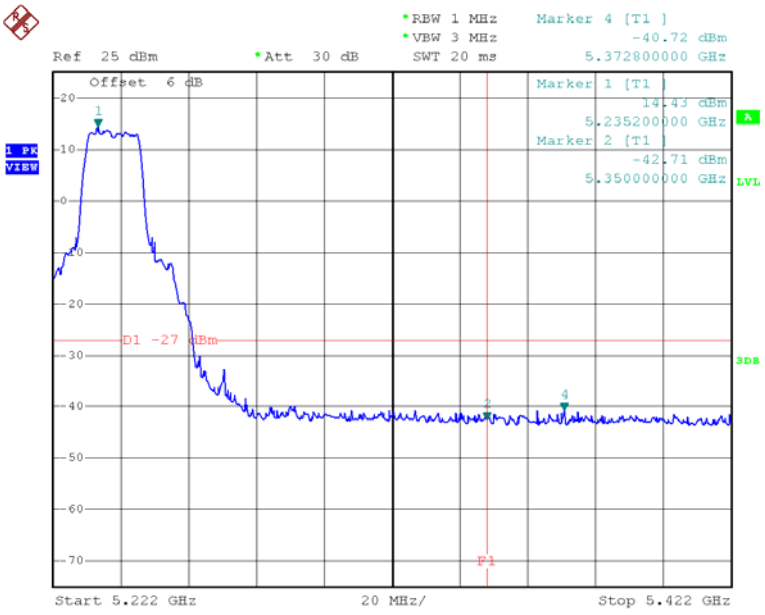
Test Mode:	UNII-1/TX A Mode

TX mode CH36



Date: 12.OCT.2015 15:48:18

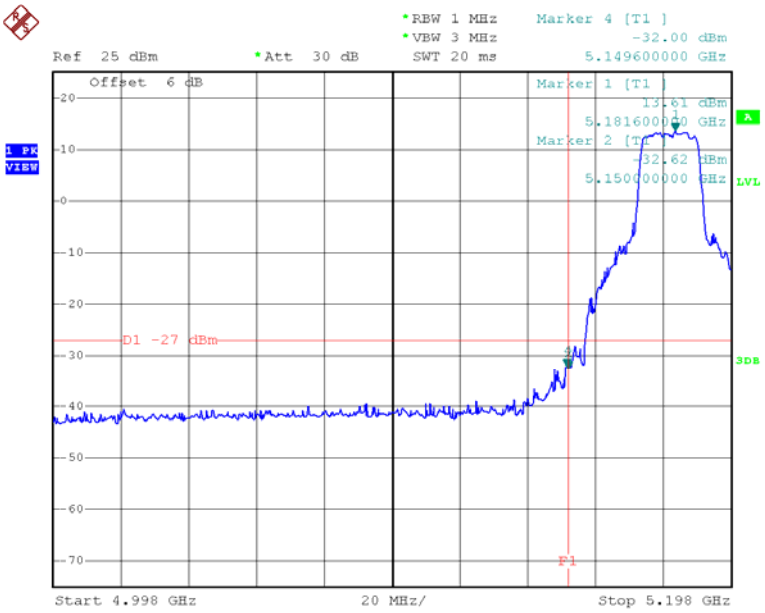
TX mode CH48



Date: 12.OCT.2015 15:50:50

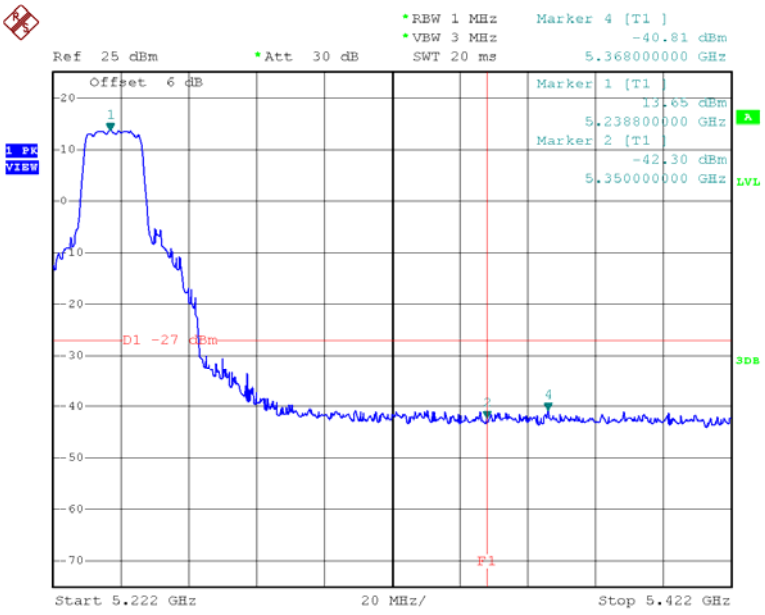
Test Mode:	UNII-1/TX N20 Mode

TX mode CH36



Date: 12.OCT.2015 15:59:46

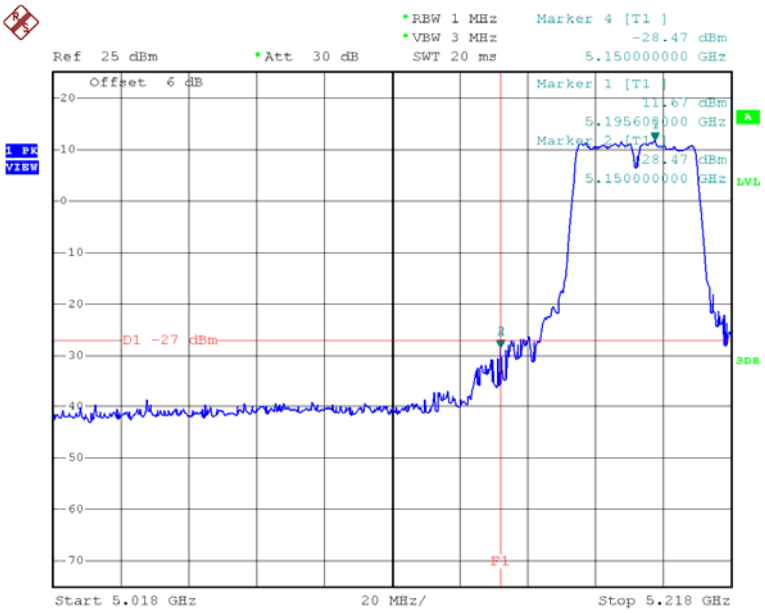
TX mode CH48



Date: 12.OCT.2015 16:01:57

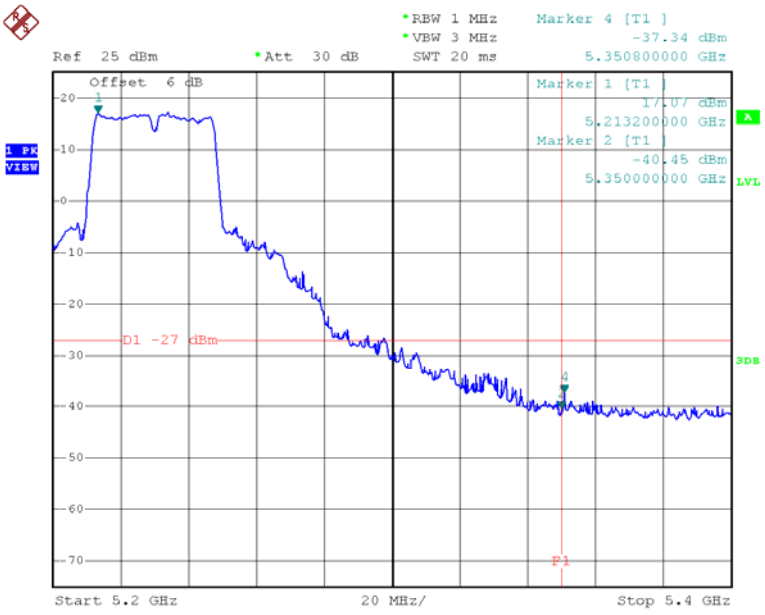
Test Mode:	UNII-1/TX N40 Mode

TX mode CH38



Date: 27.OCT.2015 10:04:20

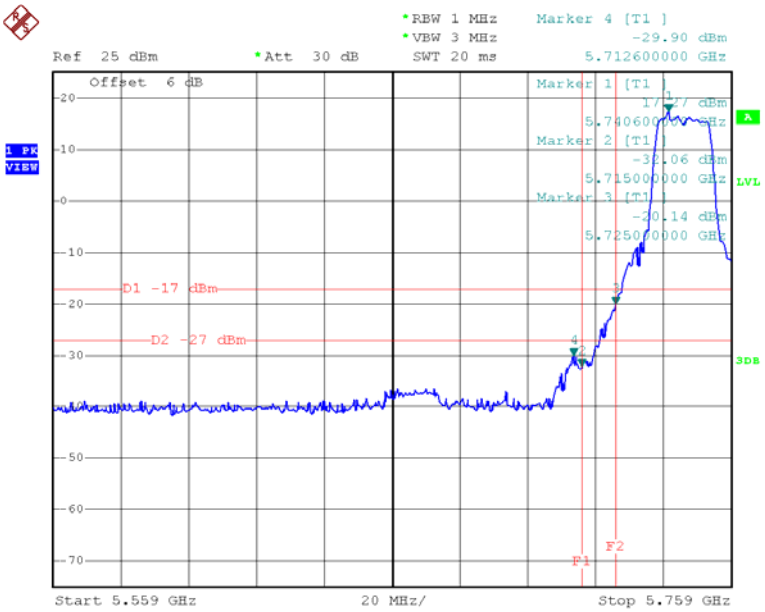
TX mode CH46



Date: 27.OCT.2015 10:07:15

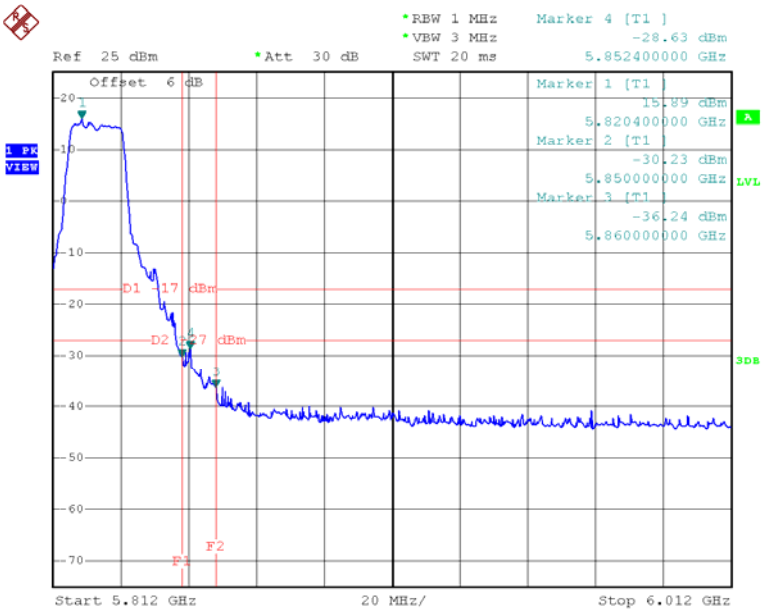
Test Mode:	UNII-3/TX A Mode

TX A Mode CH149



Date: 12.OCT.2015 15:52:26

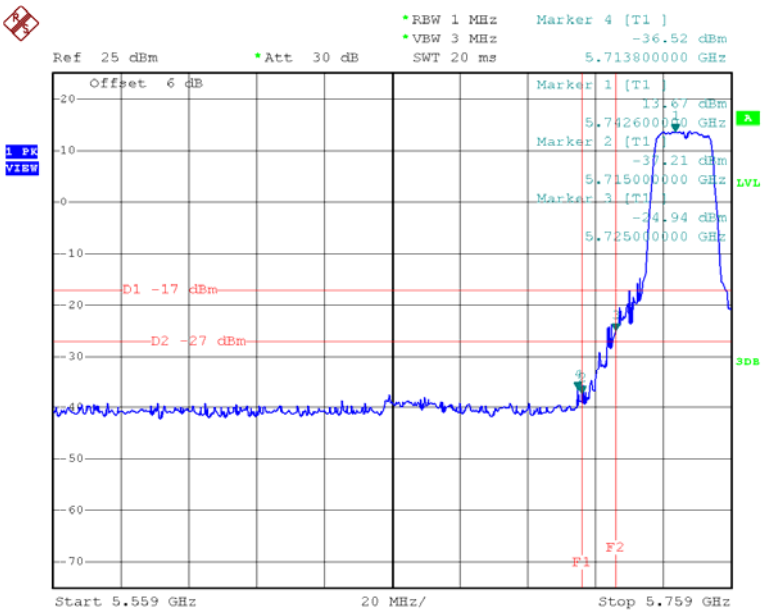
TX A Mode CH165



Date: 12.OCT.2015 15:56:41

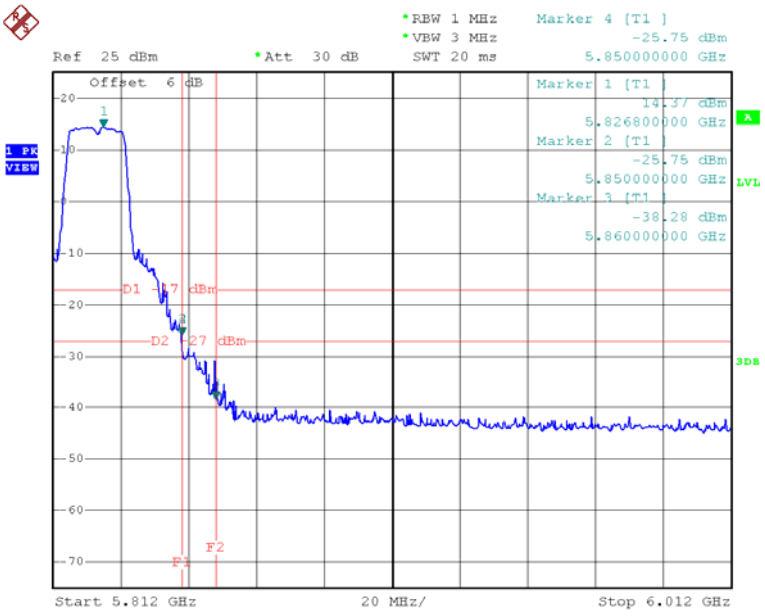
Test Mode:	UNII-3/TX N20 Mode

TX HT20 mode CH149



Date: 12.OCT.2015 16:03:52

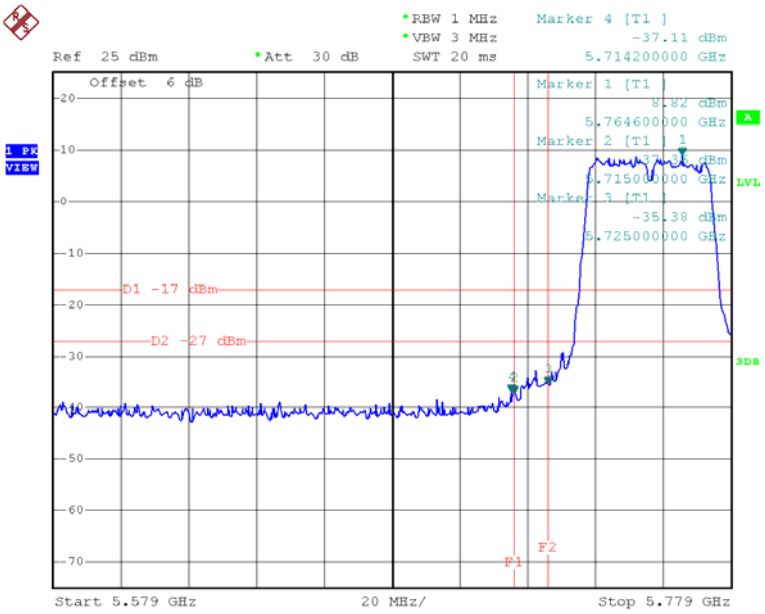
TX HT20 mode CH165



Date: 12.OCT.2015 16:06:19

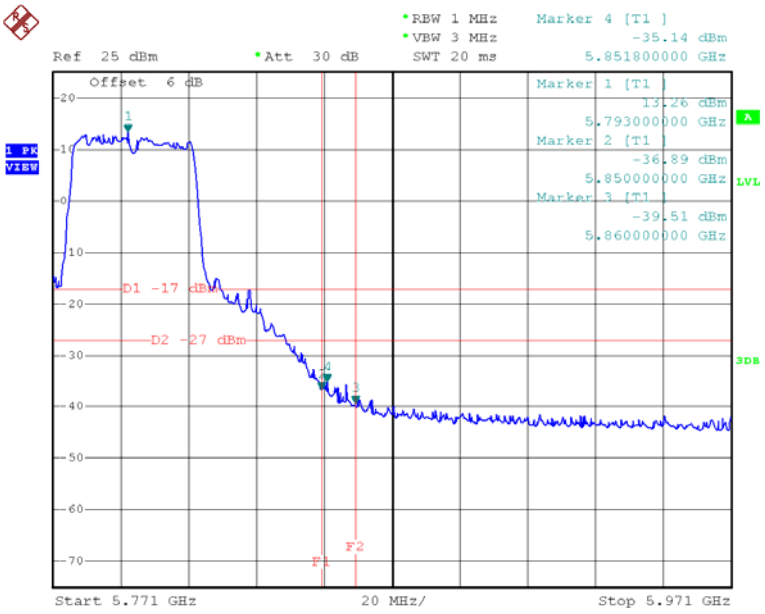
Test Mode:	UNII-3/TX N40 Mode

UNII-3/TX HT40 mode CH151



Date: 12.OCT.2015 16:25:08

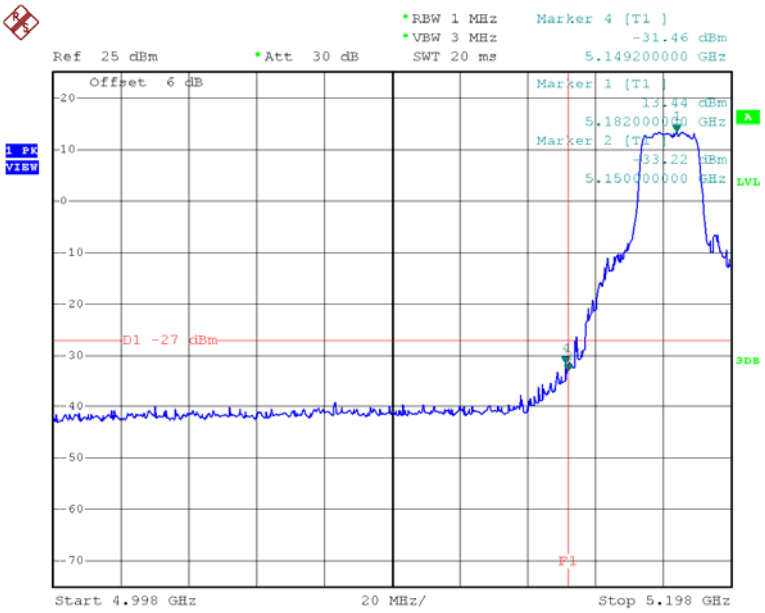
UNII-3/TX HT40 mode CH159



Date: 12.OCT.2015 16:26:34

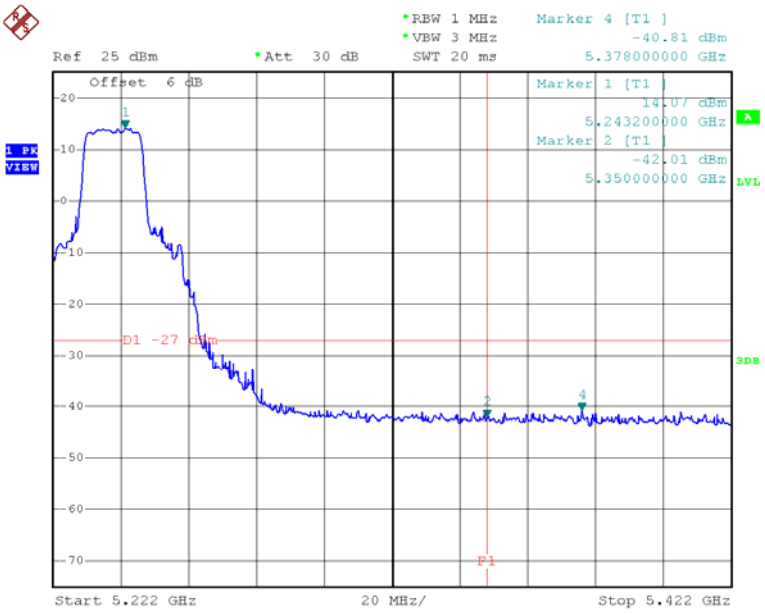
Test Mode:	UNII-1/TX AC20 Mode

TX mode CH36



Date: 12.OCT.2015 16:08:34

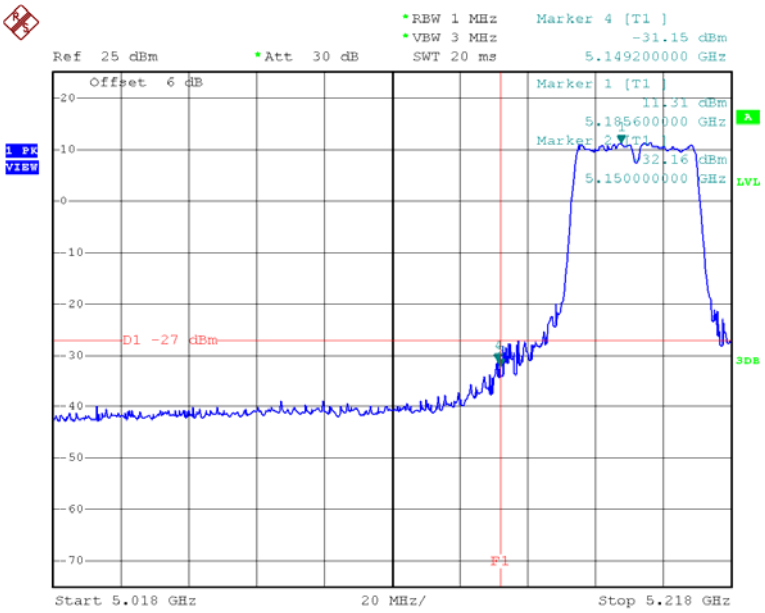
TX mode CH48



Date: 12.OCT.2015 16:11:01

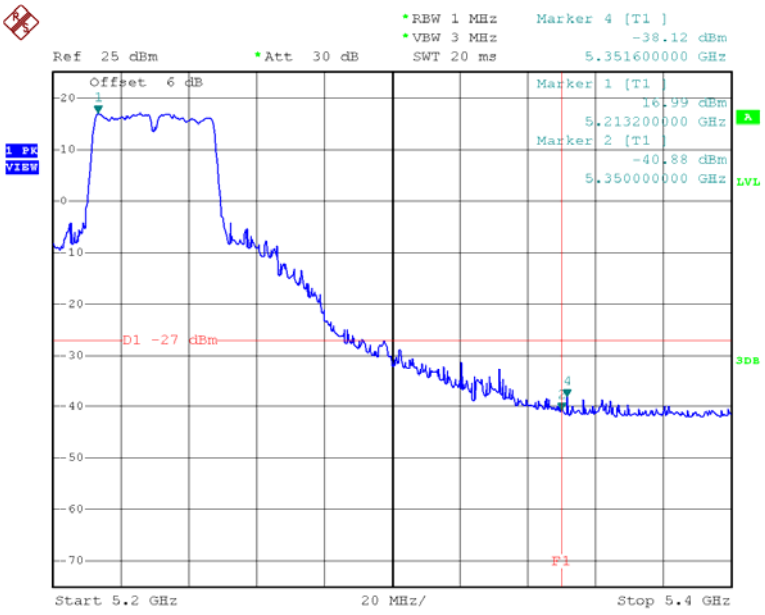
Test Mode:	UNII-1/TX AC40 Mode

TX mode CH38



Date: 27.OCT.2015 10:10:59

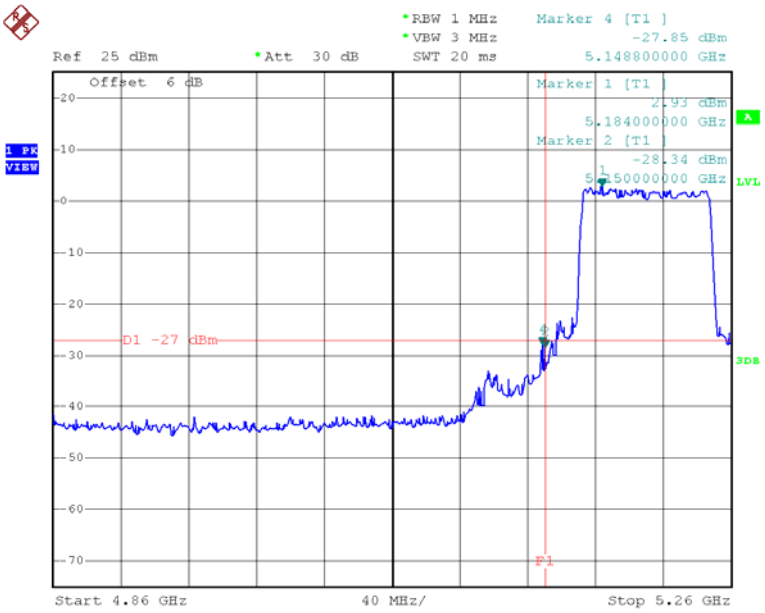
TX mode CH46



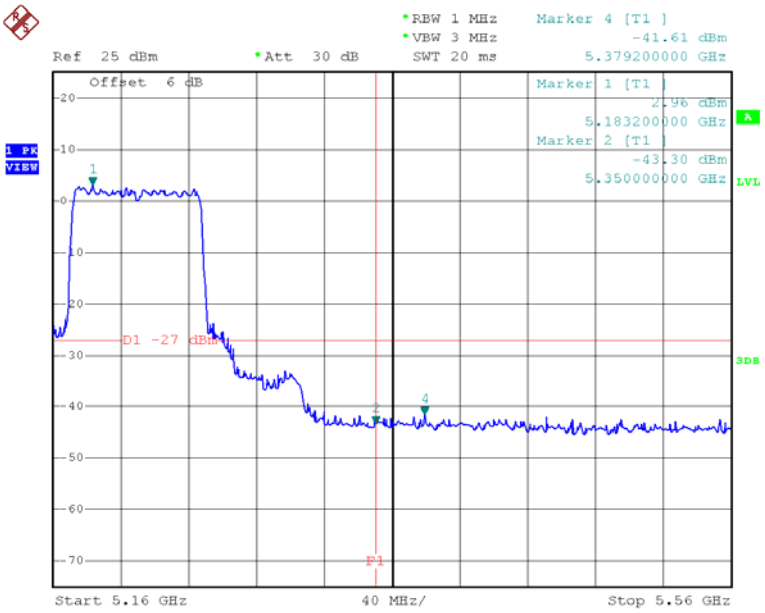
Date: 27.OCT.2015 10:13:14

Test Mode:	UNII-1/TX AC80 Mode

TX mode CH42



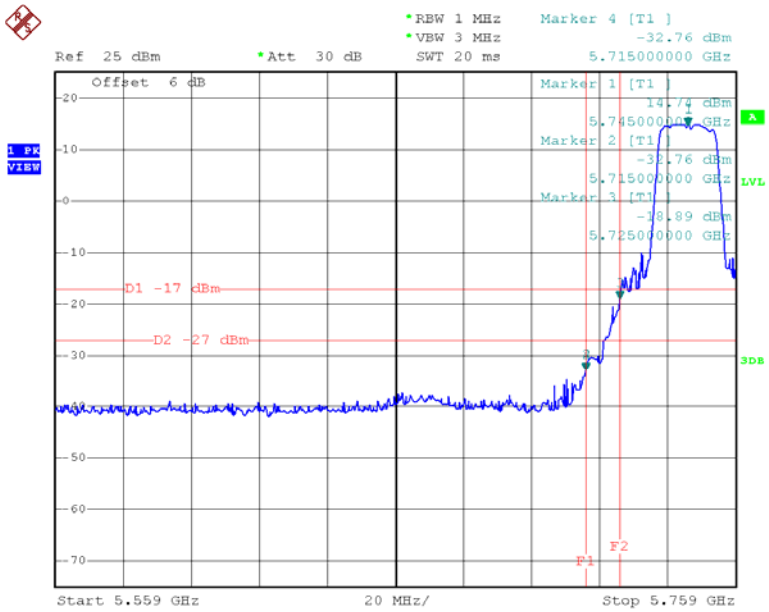
Date: 12.OCT.2015 16:47:35



Date: 12.OCT.2015 16:48:02

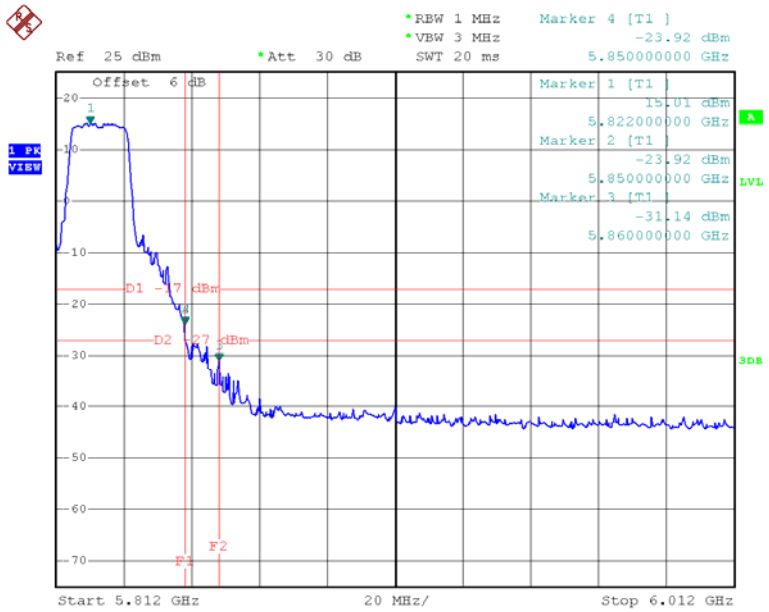
Test Mode:	UNII-3/TX AC20 Mode

TX AC HT20 mode CH149



Date: 12.OCT.2015 16:12:39

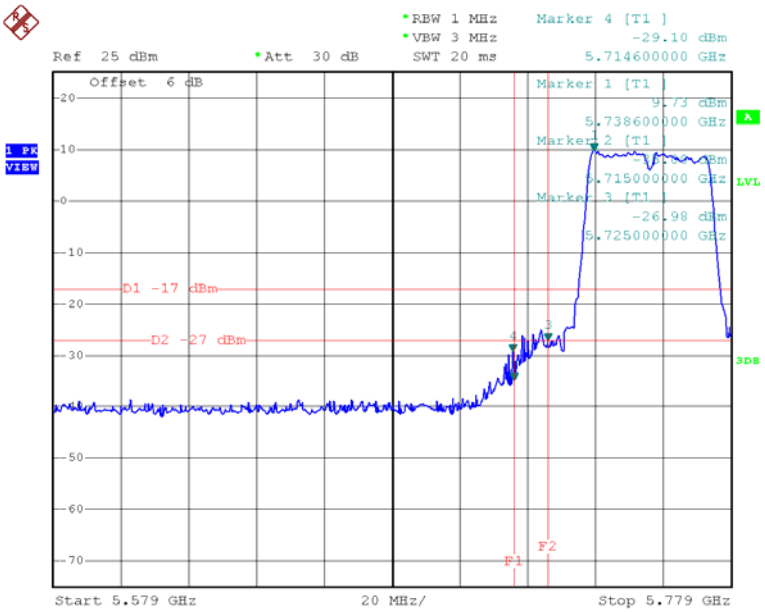
TX AC HT20 mode CH165



Date: 12.OCT.2015 16:14:48

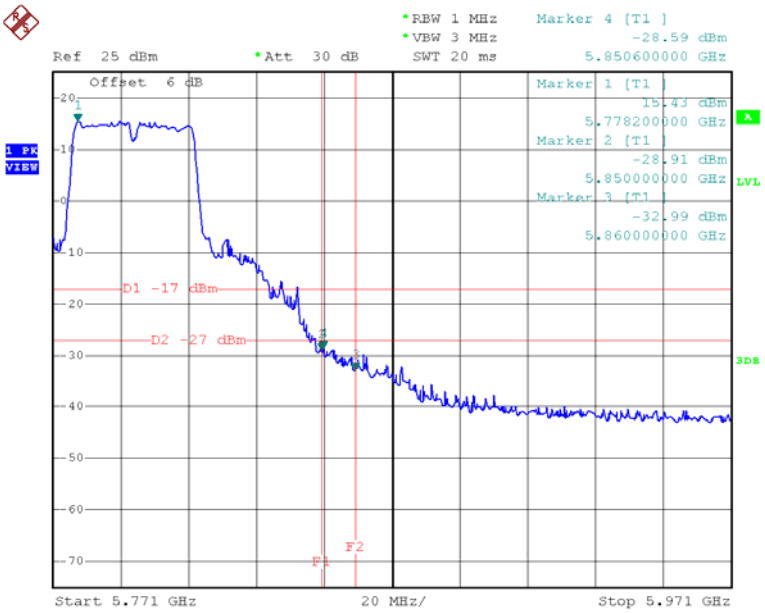
Test Mode:	UNII-3/TX AC40 Mode

TX AC HT40 mode CH151



Date: 12.OCT.2015 16:35:49

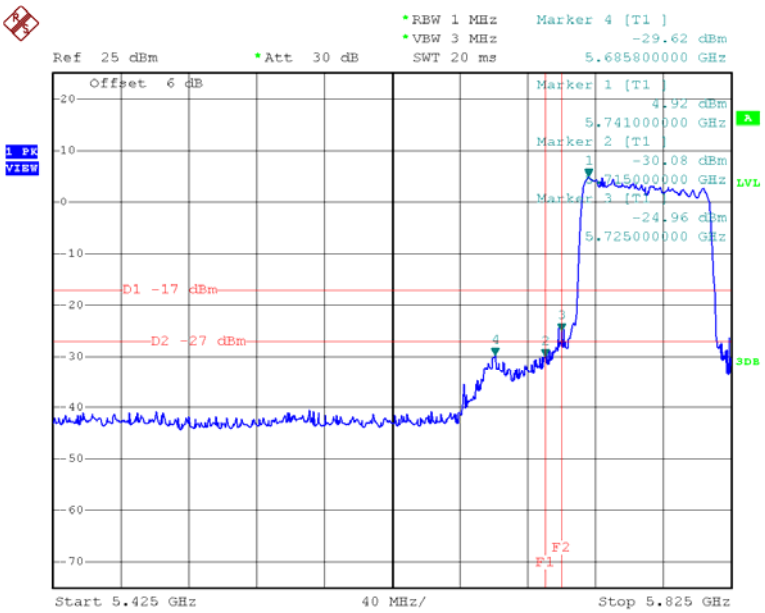
TX AC HT40 mode CH159



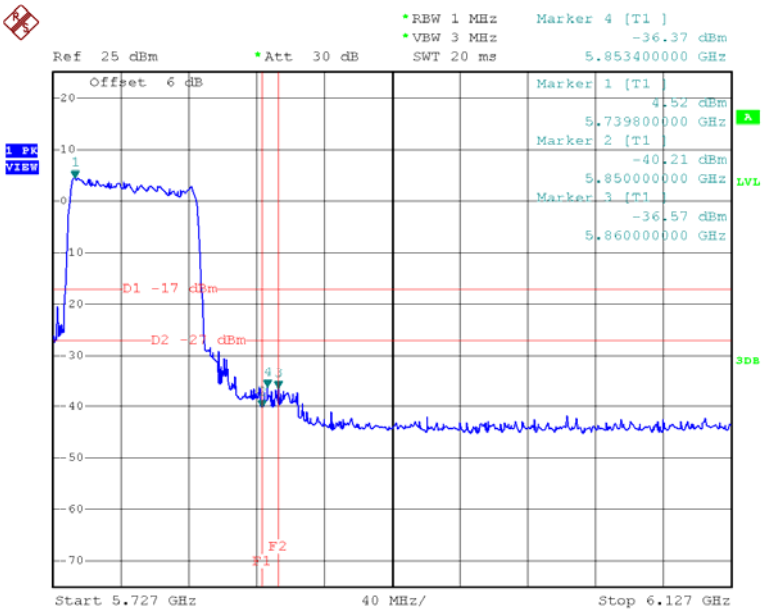
Date: 22.SEP.2015 21:00:05

Test Mode:	UNII-3/TX AC80 Mode

TX AC HT80 mode CH155



Date: 12.OCT.2015 16:51:19



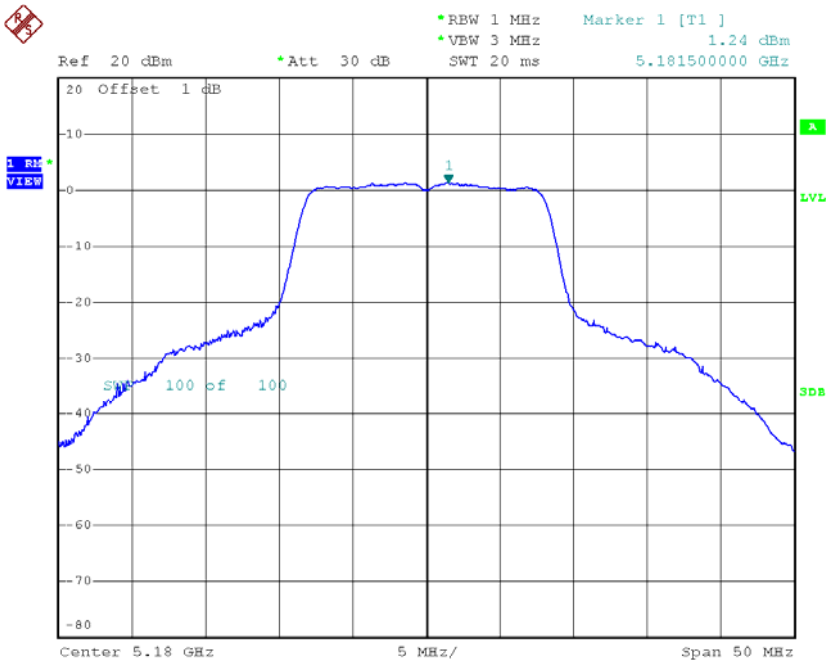
Date: 12.OCT.2015 16:51:27

ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

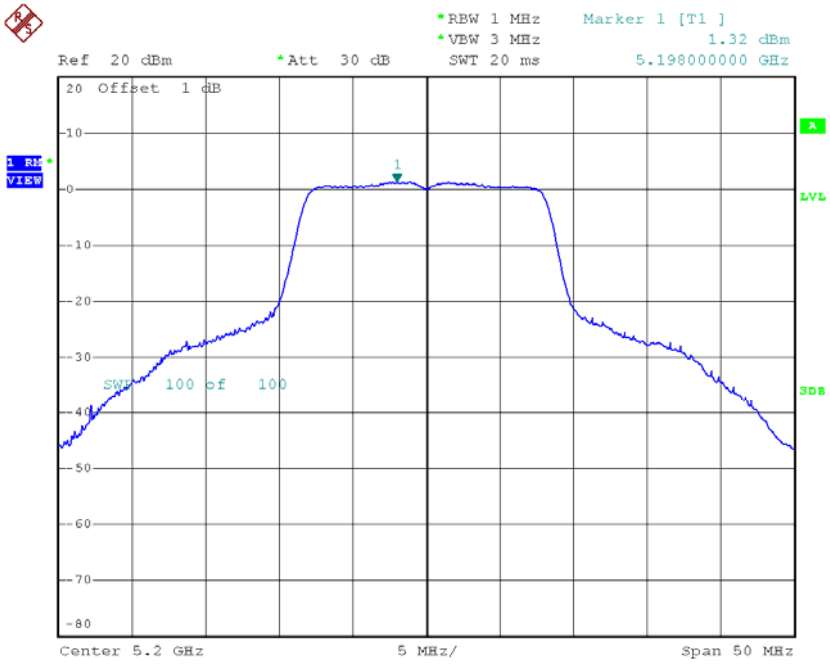
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.24	0.35	1.59	17.00
CH40	5200	1.32	0.35	1.67	17.00
CH48	5240	0.87	0.35	1.22	17.00

CH36



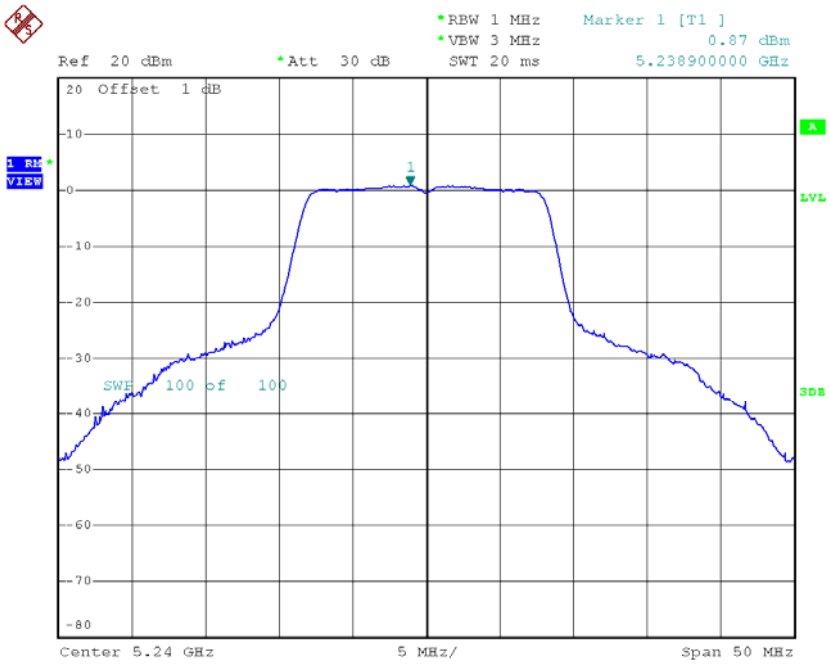
Date: 12.OCT.2015 15:48:11

CH40



Date: 12.OCT.2015 15:49:36

CH48

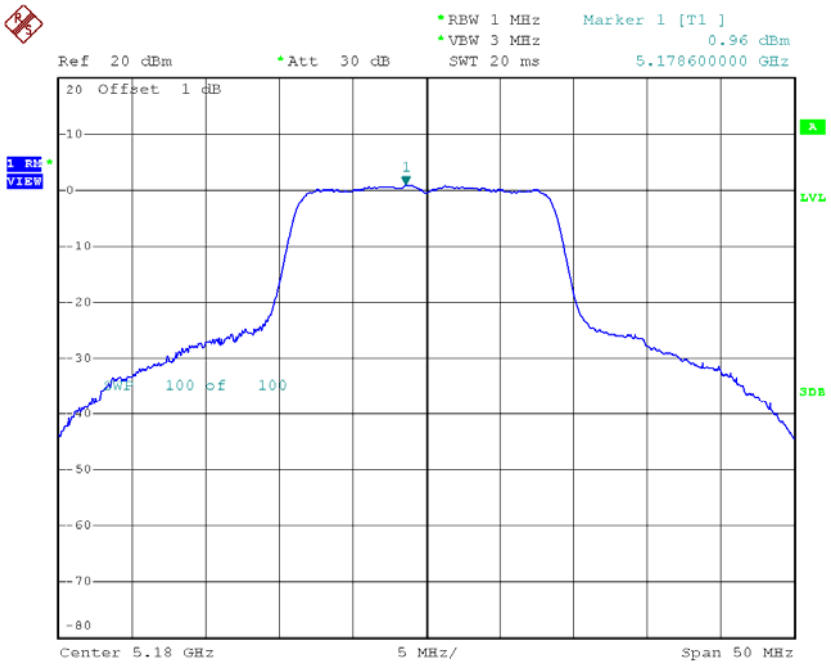


Date: 12.OCT.2015 15:50:43

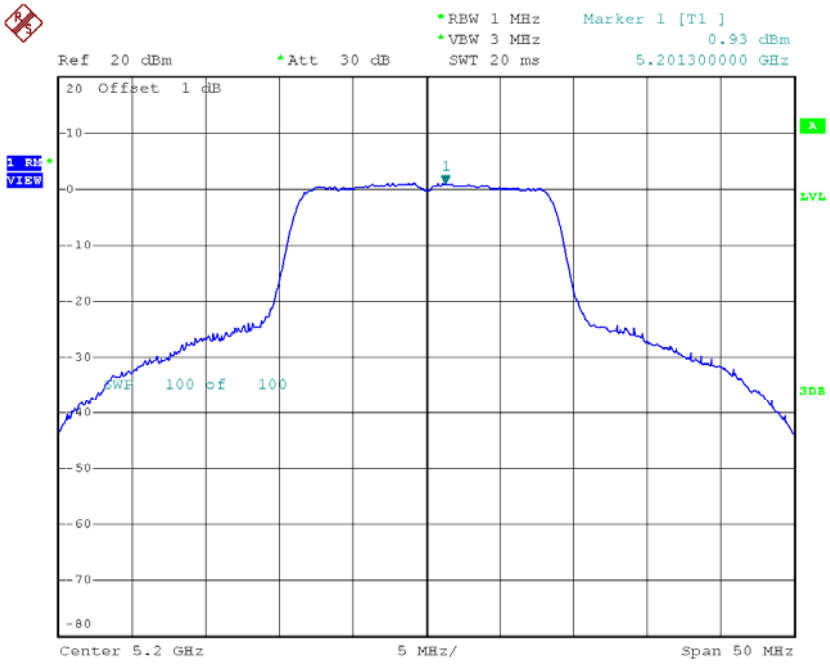
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	0.96	0.50	1.46	17.00
CH40	5200	0.93	0.50	1.43	17.00
CH48	5240	1.29	0.50	1.79	17.00

CH36

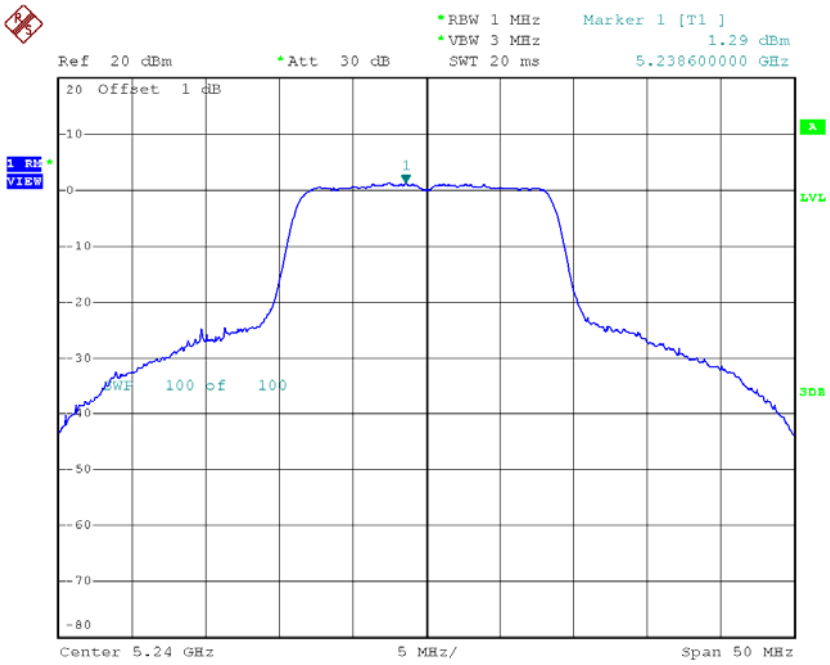


CH40



Date: 12.OCT.2015 16:00:54

CH48

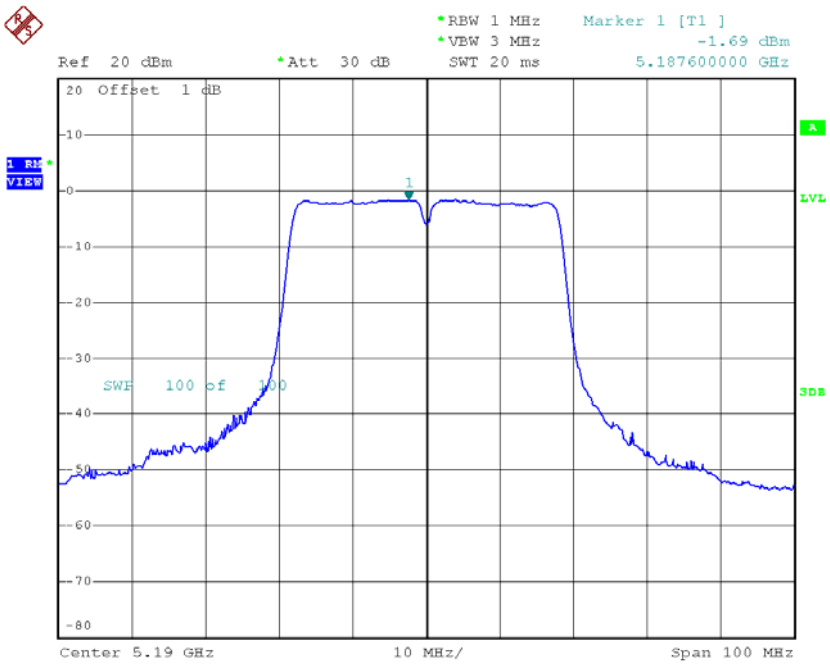


Date: 12.OCT.2015 16:01:49

Test Mode: UNII-1/TX N40 Mode_CH38/CH46

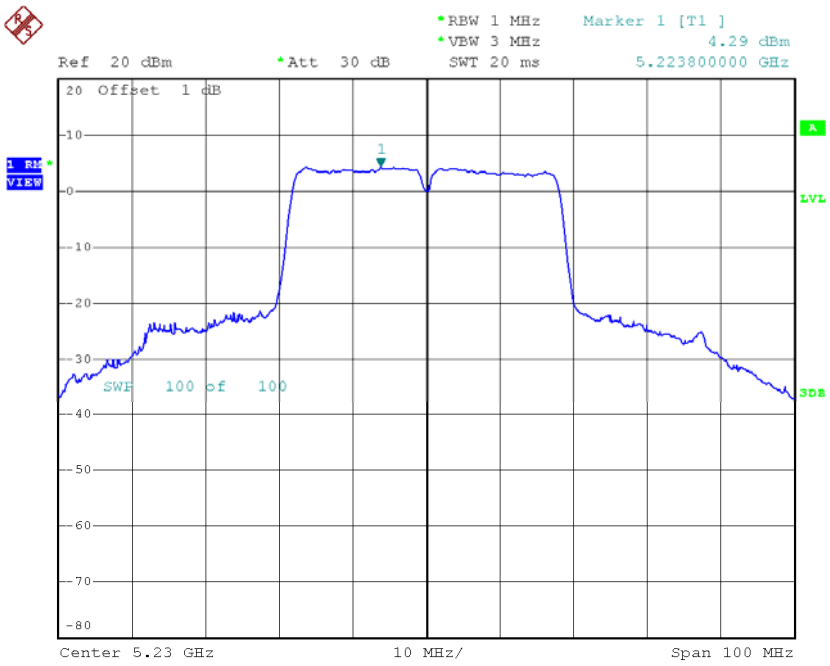
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-1.69	3.98	2.29	17.00
CH46	5230	4.29	3.98	8.27	17.00

CH38



Date: 27.OCT.2015 10:04:12

CH46

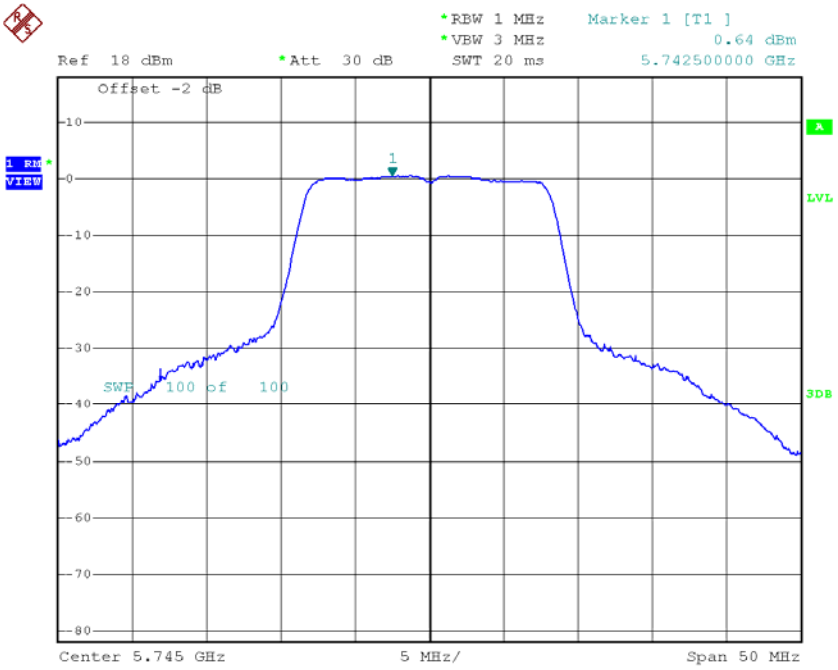


Date: 27.OCT.2015 10:07:08

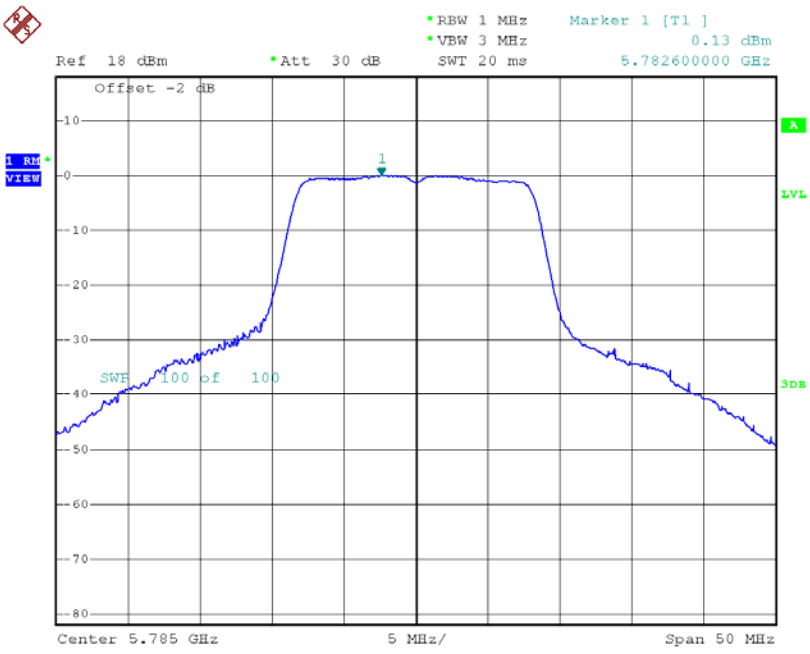
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	0.64	0.35	0.99	30.00
CH157	5785	0.13	0.35	0.48	30.00
CH165	5825	-0.65	0.35	-0.30	30.00

TX CH149

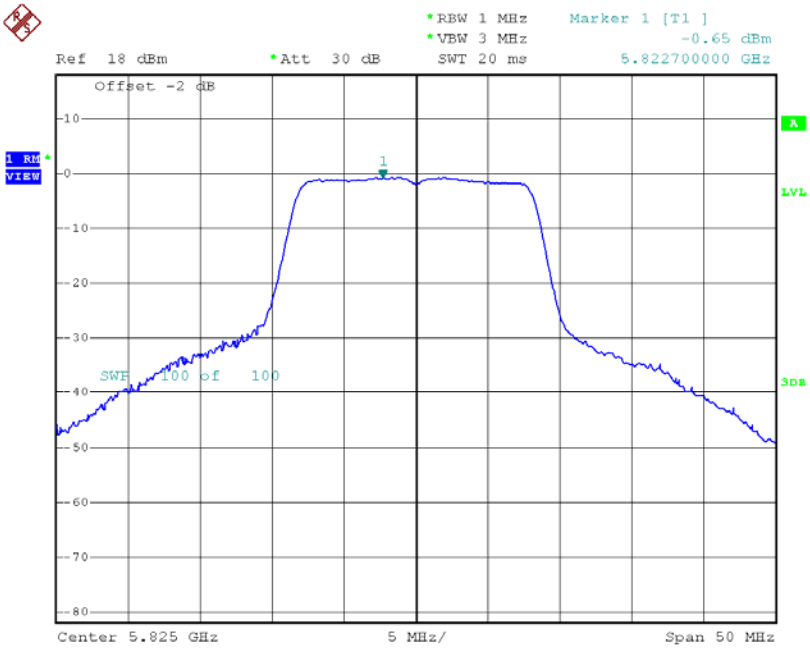


TX CH157



Date: 12.OCT.2015 15:55:27

TX CH165

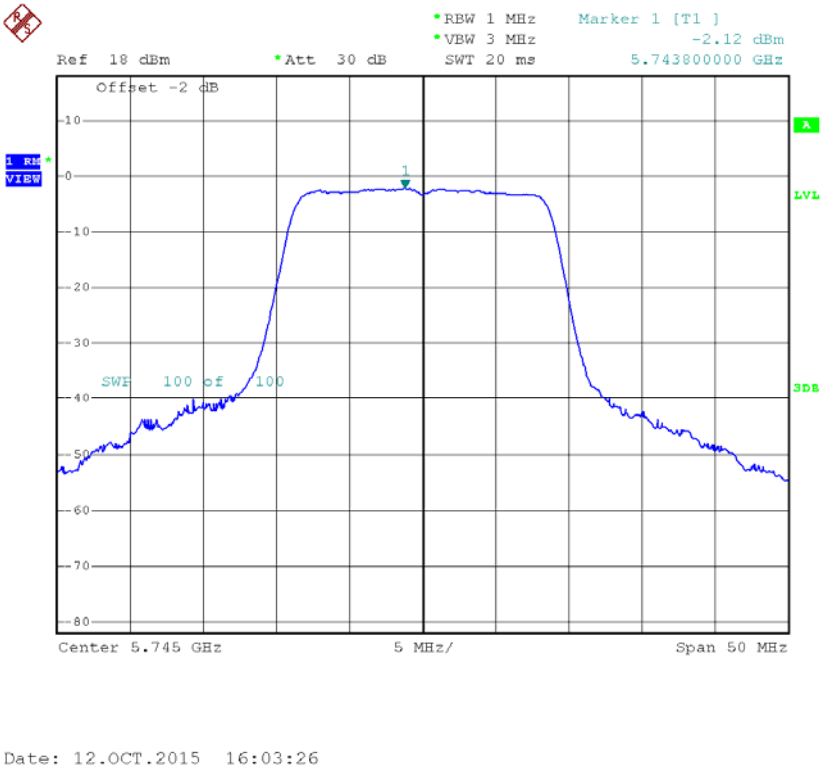


Date: 12.OCT.2015 15:56:33

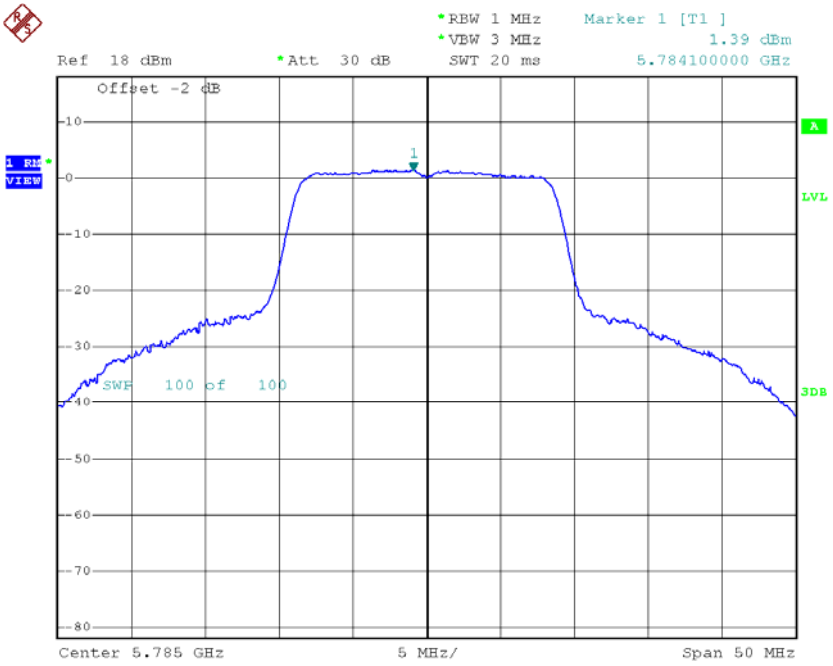
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-2.12	0.50	-1.62	30.00
CH157	5785	1.39	0.50	1.89	30.00
CH165	5825	-1.43	0.50	-0.93	30.00

TX CH149

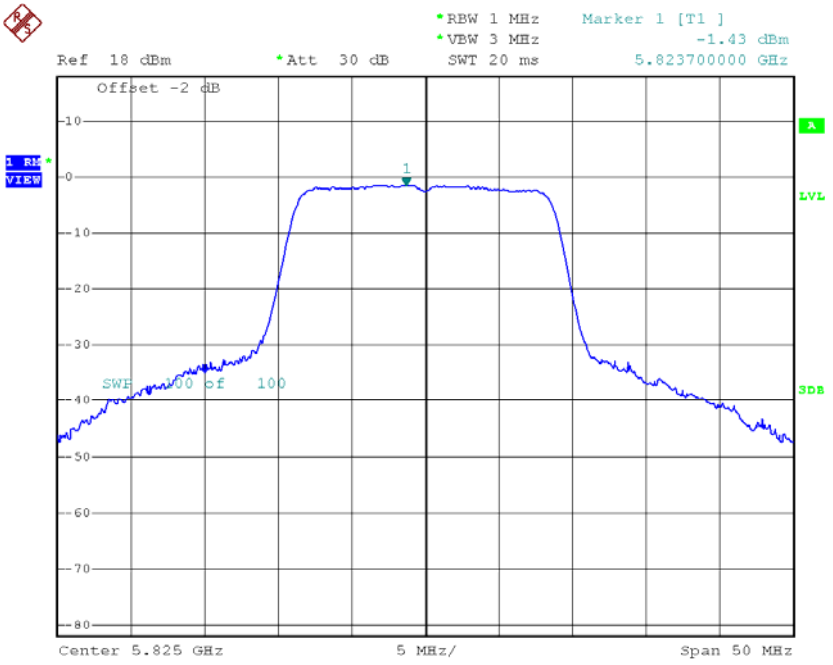


TX CH157



Date: 12.OCT.2015 16:05:11

TX CH165

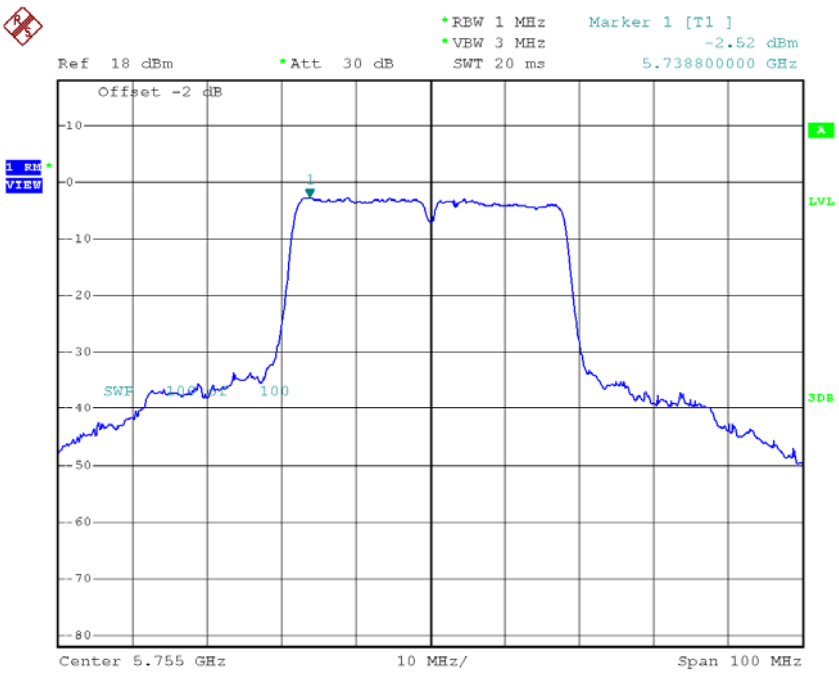


Date: 12.OCT.2015 16:06:11

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

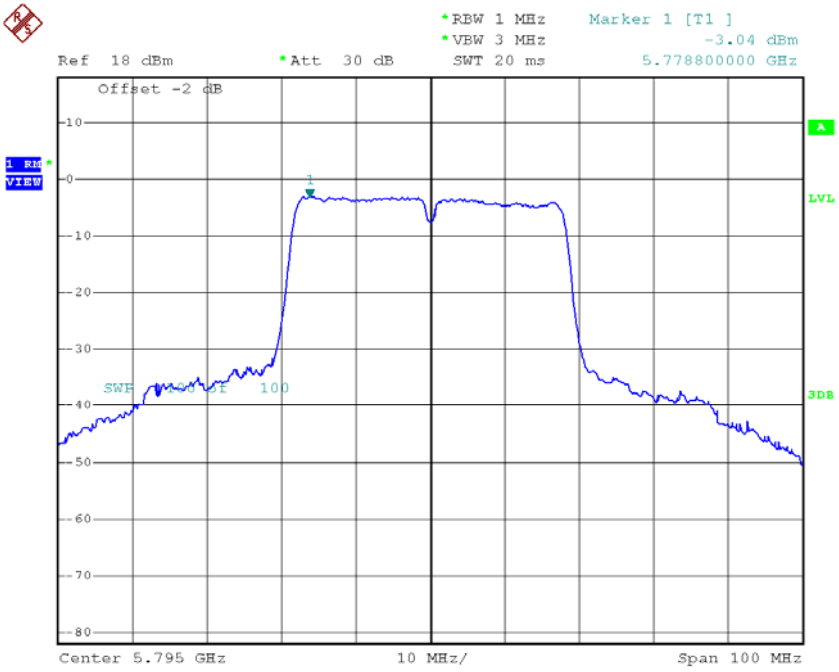
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-2.52	3.98	1.46	30.00
CH159	5795	-3.04	3.98	0.94	30.00

TX CH151



Date: 12.OCT.2015 16:22:36

TX CH159

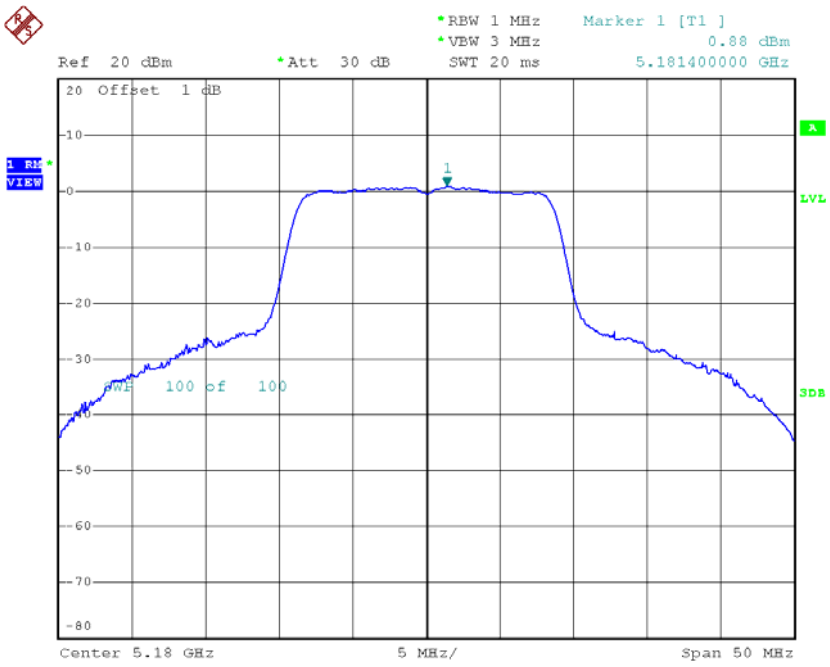


Date: 12.OCT.2015 16:26:26

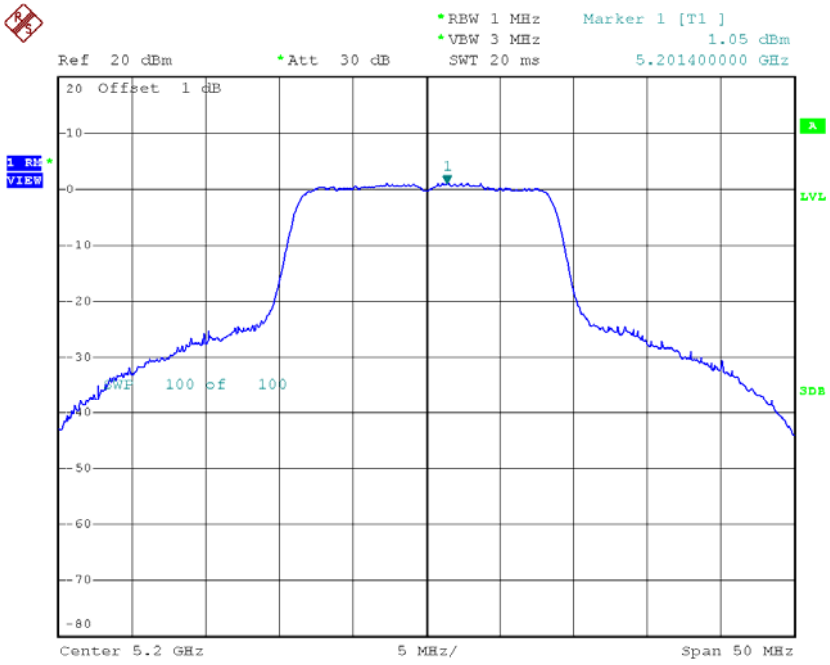
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	0.88	0.50	1.38	17.00
CH40	5200	1.05	0.50	1.55	17.00
CH48	5240	1.71	0.50	2.21	17.00

CH36

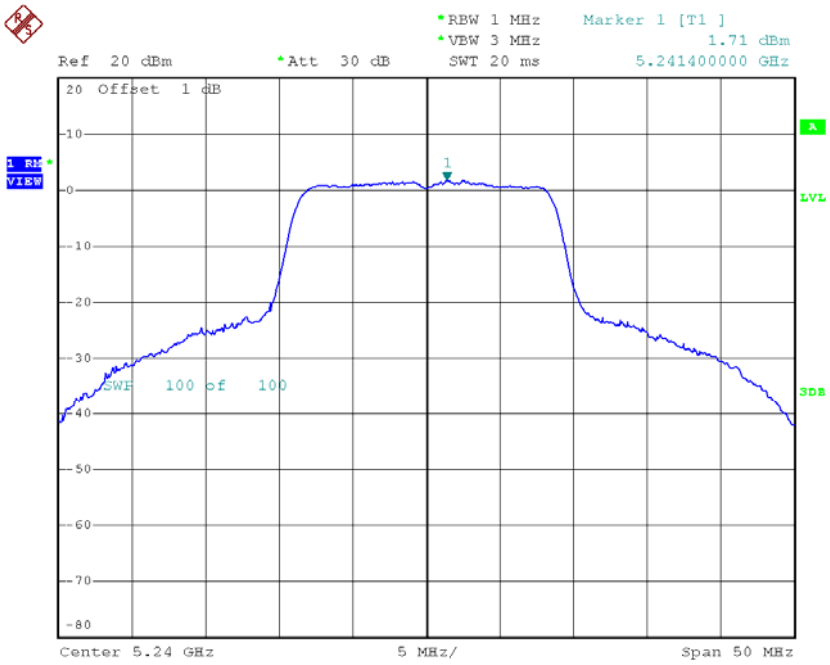


CH40



Date: 12.OCT.2015 16:09:56

CH48

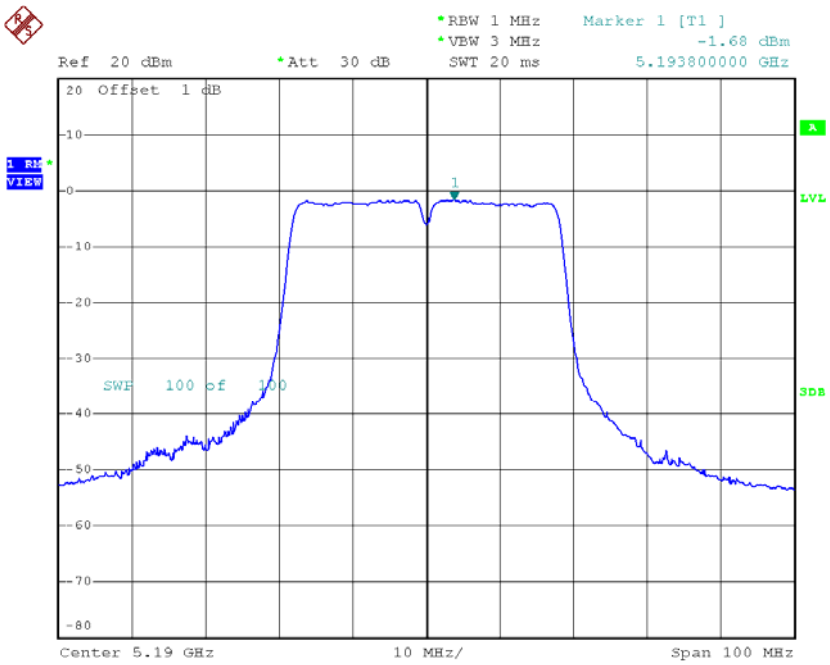


Date: 12.OCT.2015 16:10:54

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46

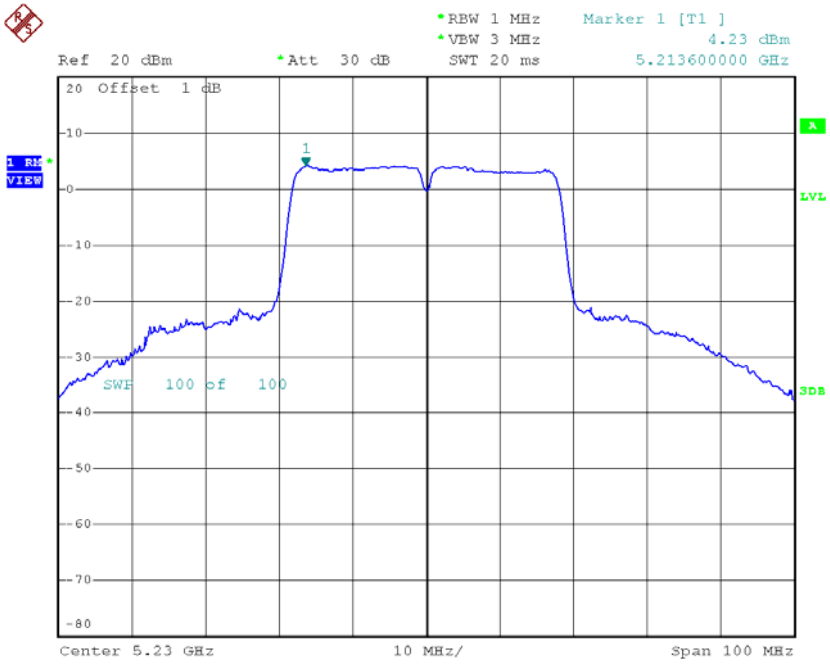
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-1.68	0.99	-0.69	17.00
CH46	5230	4.23	0.99	5.22	17.00

CH38



Date: 27.OCT.2015 10:10:17

CH46

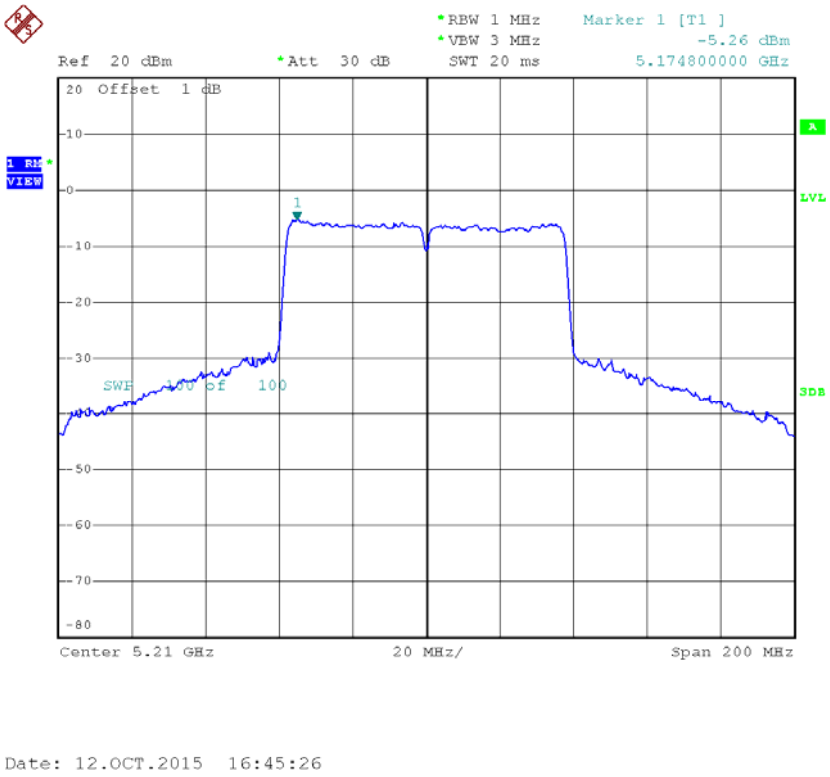


Date: 27.OCT.2015 10:13:07

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-5.26	1.76	-3.50	17.00

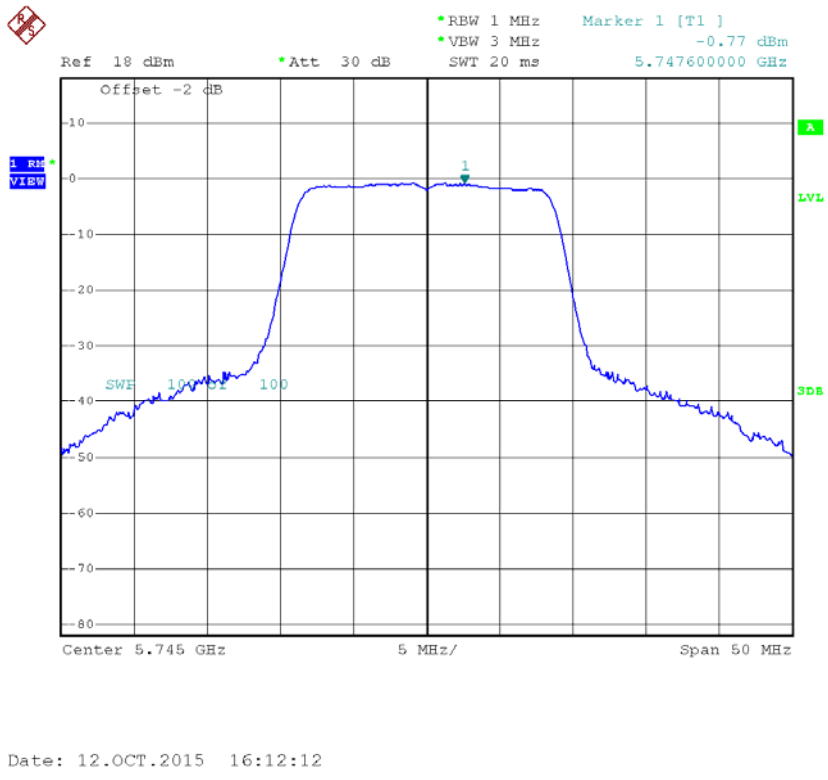
CH42



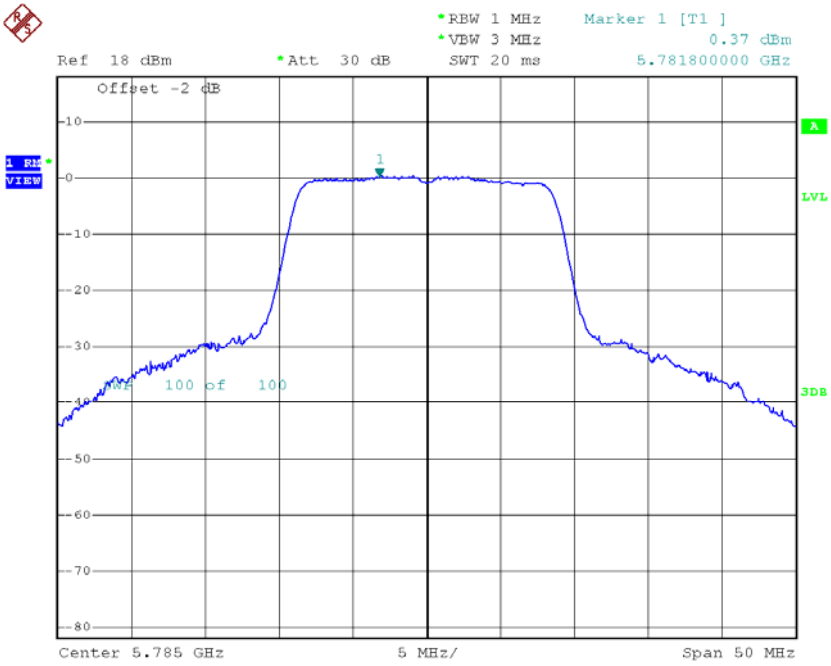
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.77	0.50	-0.27	30.00
CH157	5785	0.37	0.50	0.87	30.00
CH165	5825	-0.53	0.50	-0.03	30.00

TX CH149

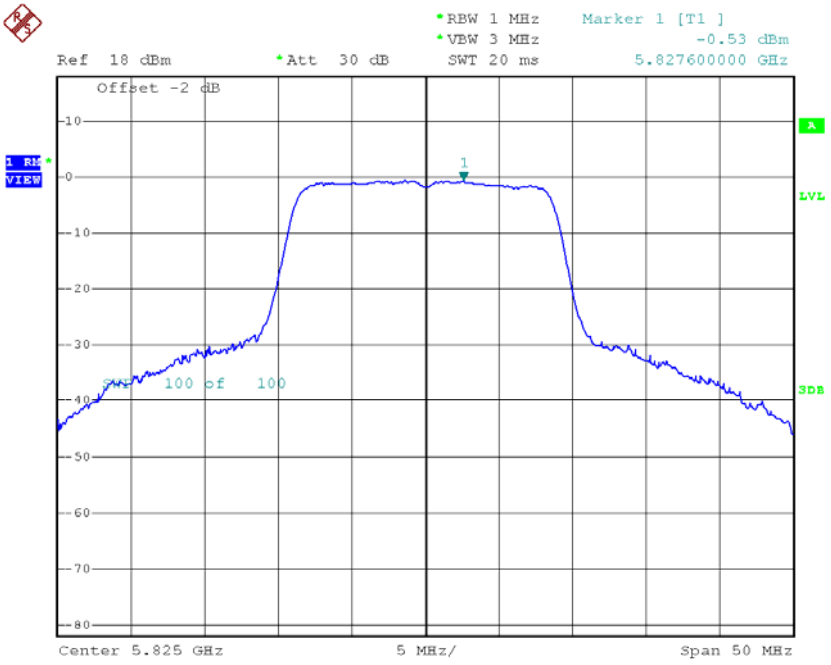


TX CH157



Date: 12.OCT.2015 16:13:41

TX CH165

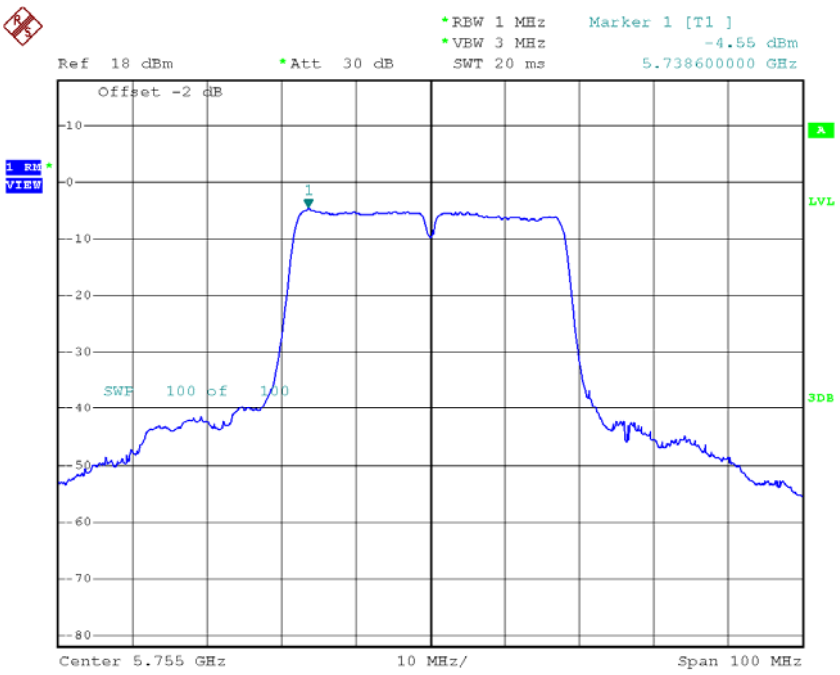


Date: 12.OCT.2015 16:14:40

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

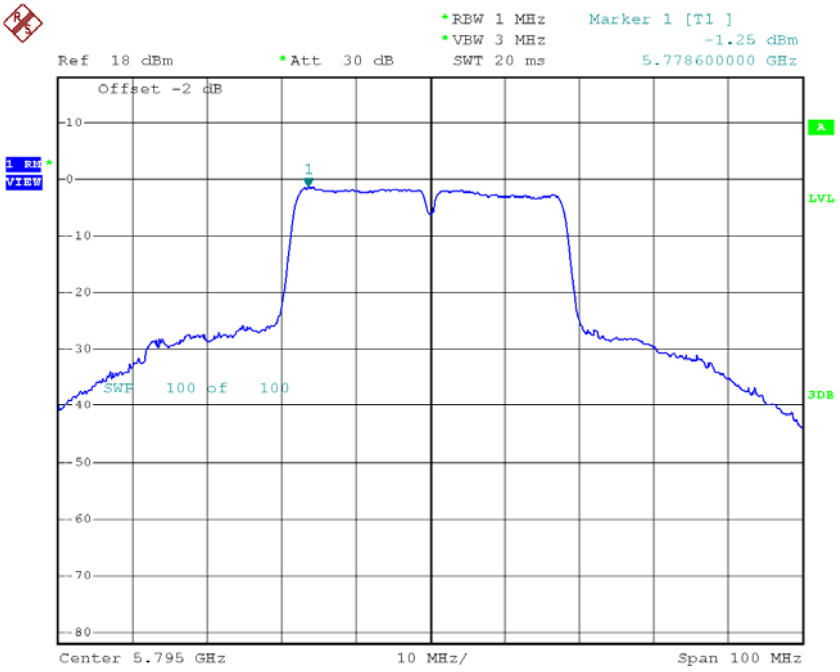
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-4.55	0.99	-3.56	30.00
CH159	5795	-1.25	0.99	-0.26	30.00

TX CH151



Date: 12.OCT.2015 16:34:43

TX CH159

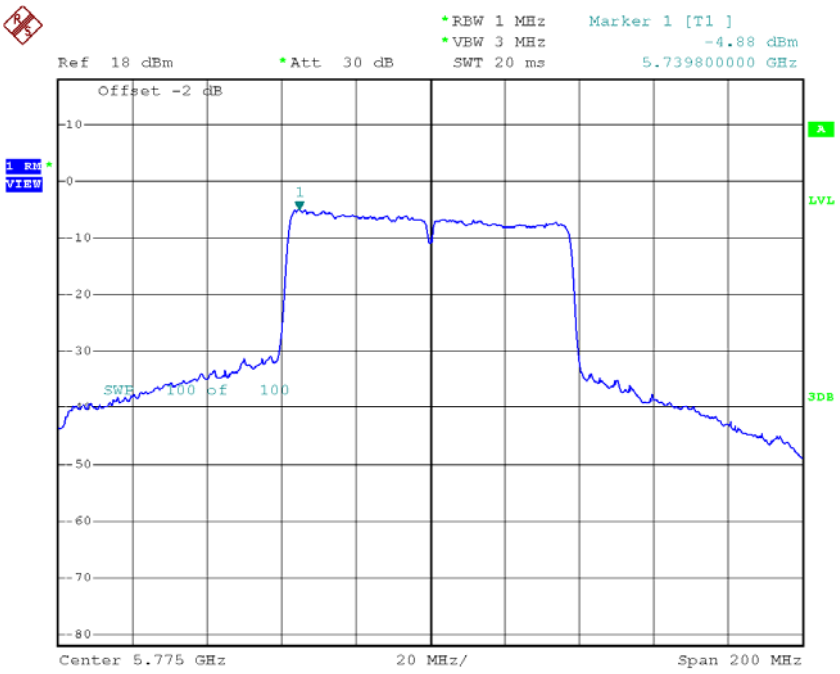


Date: 12.OCT.2015 16:37:59

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-4.88	1.76	-3.12	30.00

TX CH155



ATTACHMENT I - FREQUENCY STABILITY

Test Mode:	UNII-1

requency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.008780
120	5180.008720
108	5180.008800
Max. Deviation (MHz)	0.008800
Max. Deviation (ppm)	1.70

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180.0000
0	5180.008900
10	5180.008500
20	5180.008000
30	5180.008000
40	5180.008000
Max. Deviation (MHz)	0.008900
Max. Deviation (ppm)	1.718147

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0400
120	5745.0400
108	5745.0199
Max. Deviation (MHz)	0.0400
Max. Deviation (ppm)	6.9626

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5745.0000
0	5745.014800
10	5745.014600
20	5745.014100
30	5745.014300
40	5745.014500
Max. Deviation (MHz)	0.014800
Max. Deviation (ppm)	2.576153